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HD VIDEO SURVEILLANCE SOLUTIONS



Customer Service • Technical Support • Field Sales Support • Free Trainings • Marketing Support • Design Service

SPECO SYSTEM

your complete HD VIDEO SURVEILLANCE SOLUTION

Table of Contents

IP Camera Solutions

4K Cameras	8
H.265 Cameras	8, 9, 11, 12
5MP Cameras	9
4MP Cameras	10
WiFi Solutions	6, 7, 11
Flexible Intensifier® Technology	4, 5, 12, 13
Intensifier IP® Cameras	
▶ Outdoor Domes	13, 14, 20
▶ Bullets	14, 15
IR Cameras	
▶ Outdoor Domes	15-17
▶ Indoor Domes	18
▶ Bullets	18-20
PTZ Cameras	20, 21
▶ Intensifier®	20
Traditional Camera	21
360° Panoramic Camera	22
Specialty Cameras	23
▶ Intensifier®	24

Encoders	25
IP Accessories	26
IP Camera Comparison Charts	28-33
SecureGuard®	
VMS	34
Servers	35
Mobile App	36
Streamer	37
for Apple TV	38

Video Recorders	39-49
IP Kits	50
HD-TVI / Wall Mount Kits	51, 52
Intensifier® Kits	53
Recorder Comparison Charts	54, 55

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Rev. 7/18/16 We are not responsible for typographical errors. ©2016 Speco Technologies. All rights reserved.

IP Remote setup through network,
HD image

**HD
TVI** HD image over coax cabling

INT Intensifier® Technology
See color in low-light without IR LEDs

HD-TVI Camera Solutions

Flexible Intensifier® Technology	4, 5, 56
Intensifier® T Cameras	
▶ Outdoor Domes	57, 58
▶ Bullets	59
▶ Indoor Dome	59
IR Cameras	
▶ Outdoor Domes	60, 61
▶ Bullets	62
PTZ Cameras	63
HD-TVI Camera Comparison Charts	64-67
HD-TVI Accessories	68

HD Monitors	69
HDMI Accessories	70



Always use discretion when installing video and/or audio surveillance equipment especially when there is an expectation of privacy. Inquire regarding federal, state and/or local regulations applicable to the lawful installation of video and/or audio recording or surveillance equipment. Party consent may be required.

Outside Sales Support

Our professional and friendly regional sales managers are our first line of support. In addition to selling the features and benefits of our unique product line, they also provide on-site demonstrations and formal classroom training sessions for video surveillance and audio.

Outstanding Product Warranties

Most of our quality video surveillance cameras are backed by a 5 year warranty and most DVRs offer a 3 year warranty.

Committed to Customers

Our knowledgeable Customer Support staff is in place to assist in placing orders or to help answer any questions regarding our products. Customer Support is available from 8:30 AM to 5:30 PM EST.

Elite Product Support

Our Product Support team is available to assist in designing a system, help with installations and other professional advice. Product Support is available from 8:30 AM to 7:00 PM EST.

Training

Speco offers training at industry events, distributor locations and in our corporate offices. Included in the training program are live webinars and how-to videos online. We also offer BICSI and CEU certified courses in video surveillance and 70V audio.

Custom Marketing Support

We offer custom marketing materials with our customers' company logo and contact information added. Marketing materials include posters, postcards, mailers, brochures, email blasts, etc

Design Service

SecureGuard® experts will help design a custom surveillance solution from the ground up with our SecureGuard® Servers at NO ADDITIONAL COST! Let our professionals select cameras and technologies that will best fit your needs or design a system that supports your existing surveillance system.

HD Resolution

Standard Analog

SPECOSYSTEM is an all-encompassing integration of the latest High-Definition technology and video management software in the surveillance market today. At the nucleus of the SPECOSystem is our SecureGuard® VMS which allows users to manage and monitor multiple sites remotely from anywhere around the world. Available at no charge and with no licensing fees, our robust software works seamlessly with Speco NVRs, DVRs, Hybrid and IP cameras. SecureGuard® VMS showcases crisp clear images through the lenses of our HD cameras in both IP and HD-TVI technologies. While maintaining the same sharp color image at night, the industry renowned Intensifier® technology from Speco Technologies has just morphed into the game changing **Flexible Intensifier® Technology**. One camera designed to fit any lighting application – color with low ambient light, monochrome with less ambient light, and monochrome with IR having no ambient light. Speco's F.I.T. leaves no image to question. With the release of our high performance servers that come fully loaded with SecureGuard® VMS there is no longer an application out of reach. Speco Technologies has just released our SecureGuard® Mobile app which is available for download instantly in the app store today for Android and iOS. Complementary to our free mobile app is our brand new commercial line of wireless products.

FLEXIBLEINTENSIFIER® TECHNOLOGY

- Available in IP or HD-TVI
- Full HD 1080p
- Adaptive IR LEDs
- Built-in heater and anti-fog glass reduces condensation under any weather condition

- Motorized lens with auto focus
- Wide dynamic range (WDR) operation
- Vandal/tamper resistant
- IP66 compliant
- More features for IP on [pages 12 and 13](#) and HD-TVI on [page 56](#)

1 Color in low ambient light with Intensifier®

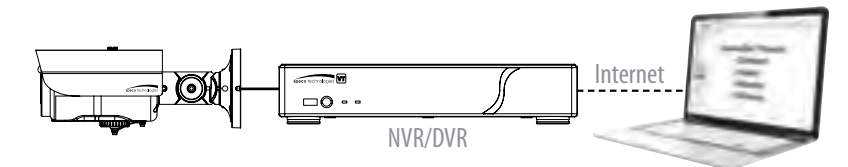
2 Monochrome in very low light without IR

3 Monochrome in almost complete darkness with IR

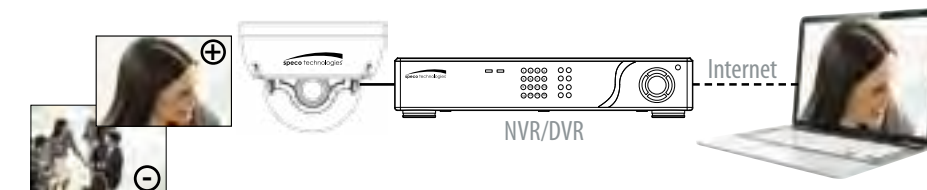
3 LIGHTING CHALLENGES → 1 Technology

Flexible Intensifier® Technology Full HD 1080p Cameras are available in both IP and HD-TVI and fit any lighting application. Each camera has 3 settings: color in low light, monochrome without IR in low light and monochrome with IR in almost complete darkness.

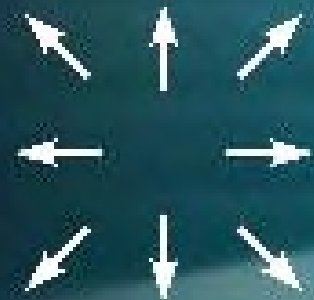
Control the Settings Remotely at Any Time
(i.e. Light threshold, IR intensity, Presets, DNR, AGC)



Control the Built-in Motorized Zoom/Focus Lens Remotely



Remote
Pan & Tilt
Control



IR LEDs
Wide Angle Lens
Dual WiFi Antenna
Built-in Speaker and Mic
Micro SD Slot

02CP2
H.265 WiFi Pan/Tilt
IP Camera
pg. 11



02C1
H.265 WiFi IP Camera
pg. 11



Speco Connect Wireless Solutions

Speco
Connect

Flexible recording options — Record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser

H.265 compression saves approximately 40% in storage and bandwidth compared to H.264

Easy setup through Speco Connect mobile app

Speco
Connect

Easy setup via
Speco Connect App



Keep it simple.

WiFi solutions for residential and commercial applications.



more info on
pg. 26

The **WIFIMOD** is an adaptor that effectively transforms any Speco IP camera into a WiFi camera. Just take the Ethernet port of the IP camera and connect it to the

WIFIMOD and you are ready to go. This is the perfect solution for the IP camera installations that are difficult for cables to reach.

Instead of dealing with the unreliable and expensive recording solutions, choose between Speco's flexible options: HT/HS/NS embedded recorders, SecureGuard® VMS, micro SD card, and PC via web viewer. With any of these options, there are no recurring licensing fees.

When recording to the HT/HS/NS devices, the camera can be used in conjunction with Speco's WiFi access point, **APRPT**, that allows the camera to connect to the recorder automatically without any manual setup. In addition, if a camera is out of range, the APRPT can also be set up as a repeater, which extends the WiFi signal.

Finally, if the camera needs to be connected to any other WiFi routers or access points, change all settings simply through the Speco Connect mobile app. There is no need to log into the camera with a PC to modify settings.



Speco Connect cameras are the perfect wifi solution for residential and small businesses. These cameras feature 1080p video for a clear image, IR LEDs for a vivid image at night, a wide angle lens to capture as much of the scene as possible and built-in microphone and speaker for real-time 2-way audio. For added convenience the 02C1 has a magnetic base for easy placement almost anywhere.

**Plug and Play
Wirelessly**

Enables plug and play for the Speco Connect camera on HT/HS/NS recorders



APRPT
WiFi Access Point
more info on pg. 26

speco technologies



08D4M

3.6-10mm auto iris varifocal motorized lens, dark grey housing



4K H.265 Dome IP Camera



- Supports up to 4K (8MP) resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Chameleon Cover™: snaps on and can be painted to match any décor!
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on *Chameleon Cover™

Optional Accessories



08B3M

3.6-10mm auto iris varifocal motorized lens, dark grey housing



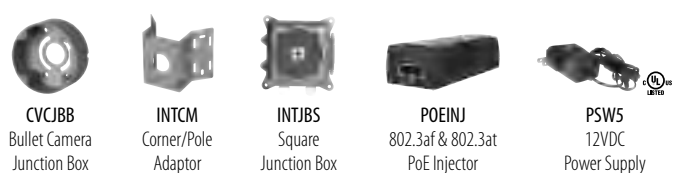
4K H.265 Bullet IP Camera



- Supports up to 4K (8MP) resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



05D4M

3.6-10mm auto iris varifocal motorized lens, dark grey housing

5MP H.265 Dome IP Camera



- Supports up to 5MP resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Chameleon Cover™: snaps on and can be painted to match any décor!
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on *Chameleon Cover™

Optional Accessories



05B3M

3.6-10mm auto iris varifocal motorized lens, dark grey housing

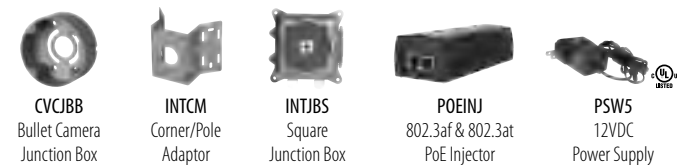
5MP H.265 Bullet IP Camera



- Supports up to 5MP resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



04D2M

2.7-12mm motorized lens, white housing

4MP Dome IP Camera



- Supports 4MP @ 20 fps / 3MP @ 30 fps
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- Wide Dynamic Range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP67 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



04JBD
Large Dome
Junction Box



PSW5
12VDC
Power Supply

04B2M

2.7-12mm motorized lens, dark grey housing

4MP Bullet IP Camera



- Supports 4MP @ 20 fps / 3MP @ 30 fps
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- Wide Dynamic Range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP67 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



04JBB
Large Bullet
Junction Box



PSW5
12VDC
Power Supply

02C1

2.9mm fixed lens, black housing

1080p H.265 WiFi IP Camera



- Dual-band WiFi camera (2T2R 802.11n)
- Perfect for residential applications
- Easy setup through mobile app – no need to log into camera through a web viewer to connect it to an access point
- Flexible recording options – record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser
- Supports up to full HD 1080p @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Built-in speaker and microphone for 2-way audio communication
- 2 year warranty



02CP2

3.6mm fixed lens, white housing

1080p H.265 WiFi Pan/Tilt IP Camera



- Dual-band WiFi camera (2T2R 802.11n)
- Remote pan & tilt control
- Perfect for residential applications
- Easy setup through mobile app – no need to log into camera through a web viewer to connect it to an access point
- Flexible recording options – record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser
- Supports up to full HD 1080p @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Built-in speaker and microphone for 2-way audio communication
- 2 year warranty



02D11M

2.8-12mm auto iris varifocal motorized lens, dark grey housing

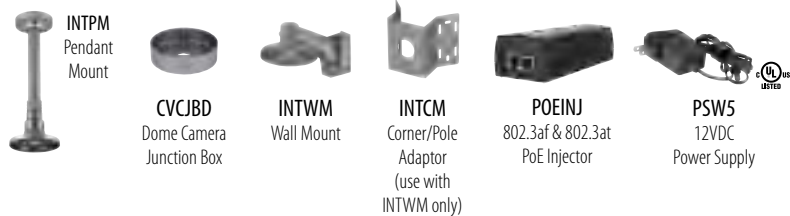
H.265 1080p Indoor/Outdoor Dome IP Camera



- EZ Focus: motorized 3-axis & optical zoom lens with auto focus for a completely hassle-free remote focusing
- Supports up to Full HD 1080p @ 60fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 65' (depending on scene reflection)
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 and IK10 compliant
- Conformat with ONVIF Profile S
- 2 year warranty



Optional Accessories



02FD4M

2.8-12mm auto iris varifocal motorized lens, dark grey housing

Flexible Intensifier® Technology Full HD 1080p Dome IP Camera

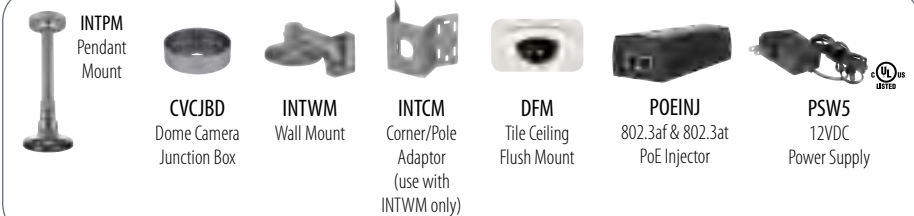


- Fits any lighting application – color in low light, monochrome with IR in almost complete darkness, and monochrome without IR in low light
- Adaptive IR LEDs
- Motorized lens with auto focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IR Range: 50' (depending on scene reflection)
- Sensor input and relay output
- Chameleon Cover™: snaps on and can be painted to match any décor!
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformat with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on *Chameleon Cover™

Optional Accessories



02FB3M

2.8-12mm auto iris varifocal motorized lens, dark grey housing

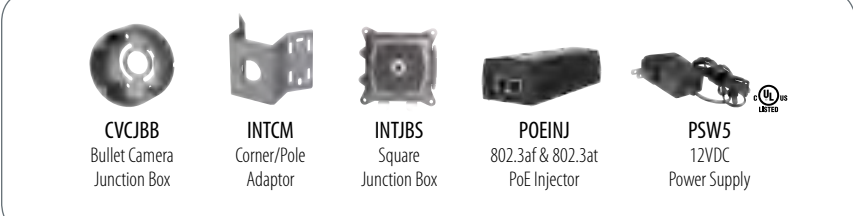
Flexible Intensifier® Technology Full HD 1080p Bullet IP Camera



- Fits any lighting application – color in low light, monochrome with IR in almost complete darkness, and monochrome without IR in low light
- Adaptive IR LEDs
- Motorized lens with auto focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IR Range: 98' (depending on scene reflection)
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformat with ONVIF profile S
- 2 year warranty



Optional Accessories



02iD4M

2.8-11mm auto iris varifocal motorized lens, dark grey housing

Intensifier IP® 1080p Dome IP Camera

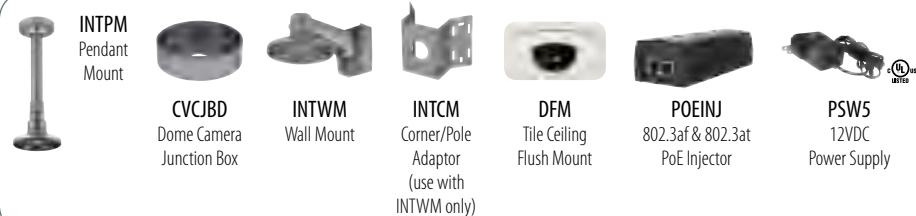


- Motorized lens with auto-focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Chameleon Cover™: snaps on and can be painted to match any décor!
- IP66 compliant
- Conformat with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on *Chameleon Cover™

Optional Accessories



*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended.
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02iMD1

2.9mm fixed lens, dark grey housing

02iMD1W

2.9mm fixed lens, white housing

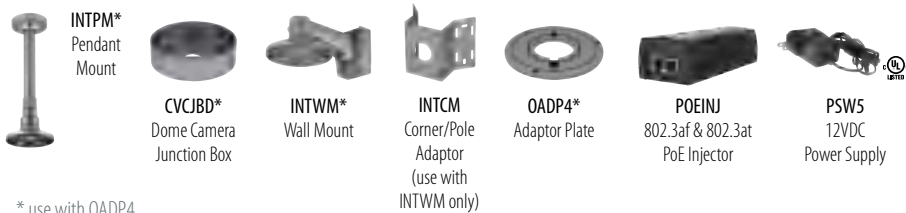
Intensifier IP® 1080p Mini-Dome IP Cameras



- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- 3-axis lens mount
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



* use with OADP4

02iB3M

2.8-11mm auto iris varifocal motorized lens, dark grey housing

Intensifier IP® 1080p Bullet IP Camera



- See color in low light without IR LEDs
- Motorized lens with auto-focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02iB6

2.9mm fixed lens, dark grey housing

Intensifier IP® 1080p Bullet IP Camera



- See color in low light without IR LEDs
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02D7M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

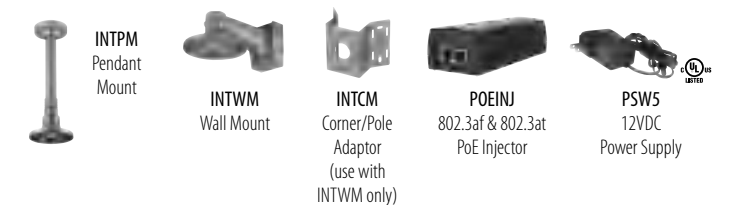
1080p Flush Mount Dome IP Camera with Integrated Junction Box



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Flush mount design
- Included junction box integrates with enclosure for wall/ceiling mounting
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 65' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02D5M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

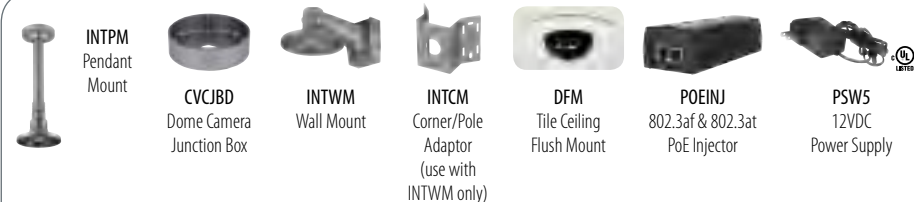
1080p Dome IP Camera



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 65' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02MD2

3.7mm fixed lens, dark grey housing

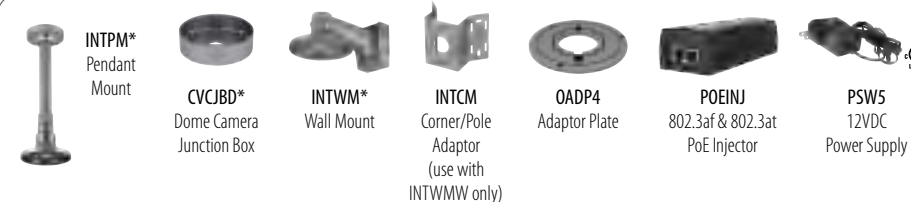
1080p Mini-Dome IP Cameras



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 30' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



* use with OADP4

02MD2W

3.7mm fixed lens, white housing

03VLD1

2.8mm fixed lens, white housing

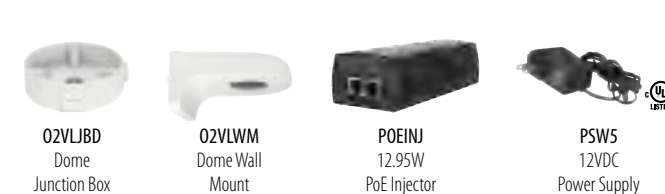
3MP Vandal Resistant Dome IP Camera



- Supports 3MP @ 20fps and 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR Range: 98' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP67 and IK10 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02D60M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

1080p Turret IP Camera



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 90' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02DP9

3.7mm fixed lens, white housing

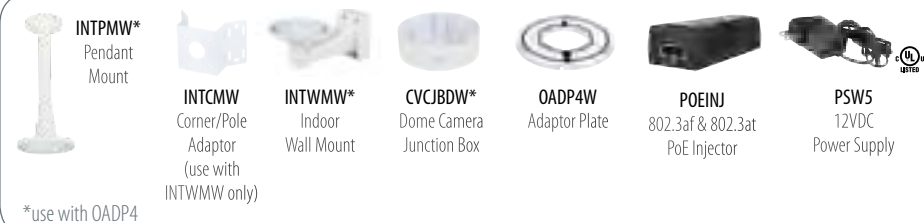
1080p Indoor Mini-Dome IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 30' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



*use with OADP4

02B16

3-9mm auto iris varifocal motorized lens, dark grey housing

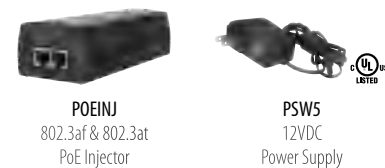
1080p Bullet IP Camera



- EZ Focus: Motorized 3x zoom lens with auto-focus for completely hassle-free remote focusing
- Supports up to Full HD 1080p @ 60fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 98 ft. (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02B8M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

1080p Bullet IP Camera



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto-focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 90' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02B6

3.6mm fixed lens, dark grey housing

1080p Bullet IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Micro SD slot (card not included)
- Built-in heater reduces condensation
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



03VLB3

2.8mm fixed lens, dark grey housing

3MP Bullet IP Camera



- Supports 3MP @ 20fps and 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR Range: 98' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP67 compliant
- 2 year warranty



Optional Accessories



O2VLJB8
Junction Box



POEINJ
802.3af & 802.3at
PoE Injector



PSW5
12VDC
Power Supply

02P10X

5.1-51mm 10x optical zoom lens, white housing

Intensifier IP® 1080p Outdoor PTZ Camera



- Supports Full HD 1080p @ 30fps
- Built-in PoE+ (IEEE 802.3at)
- 10x optical zoom
- See color in low light without IR LEDs
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- IP66 compliant
- Conformant with ONVIF Profile S
- 1 year warranty



Optional Accessories



CLGMT37X
Pendant
Mount



CORMT37X
Corner/Pole
Adaptor



POLMT37X
Pole Mount



WLMT37X
Wall Mount



POEINJ
802.3af & 802.3at
PoE Injector



PSDC24
24VAC
Power Supply

02P30X

4.3-129mm 30x optical zoom, white housing

1080p PTZ IP Camera with 30x Optical Zoom



- Supports up to Full HD 1080p @ 30fps
- Built-in PoE+ (IEEE 802.3at)
- 30x optical zoom
- True Day/Night operation (IR cut filter)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- IP66 compliant
- 1 year warranty



Optional Accessories



CLGMT37X
Pendant
Mount



CORMT37X
Corner/Pole
Adaptor



POLMT37X
Pole Mount



WLMT37X
Wall Mount



POEINJ
802.3af & 802.3at
PoE Injector



PSW4
24VAC
Power Supply

02T6

Compatible with CS type lenses, dark grey housing

1080p Indoor Traditional IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- SD card slot (card not included)
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



VFMP2.712DC
2.7-12mm Lens
Auto Iris



POEINJ
802.3af & 802.3at
PoE Injector



PSW5
12VDC
Power Supply



05MDP1

0.98-1.12mm panomorph lens, dark grey housing

05MDP1W

0.98-1.12mm panomorph lens, white housing

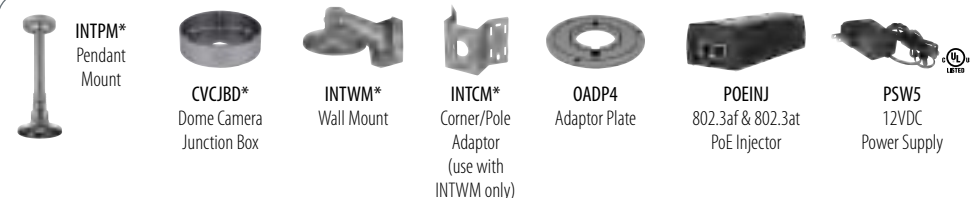
5MP 360° Panoramic Mini-Dome IP Cameras



- 360° field of view
- Various panoramic viewing features
- 5MP resolution
- Built-in standard PoE (IEEE 802.3af)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



* use with OADP4

02MB1

3.7mm fixed lens, dark grey housing

02MB1W

3.7mm fixed lens, white housing

1080p Mini-Bullet IP Cameras



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



02MT61B

3.7mm fixed lens, black housing

1080p Mini-Turret IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Conformant with ONVIF profile S
- 2 year warranty



Optional Accessories



Intensifier IP® 1080p Specialty Cameras

See COLOR in LOW LIGHT in HD without IR



02iMT61

2.9mm fixed lens, white housing



Mini-Turret IP Camera

- See color in low light without IR LEDs
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Supports H.264 and MJPEG codecs
- No problems caused by objects that reflect or absorb IR light sources
- With presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Small footprint allows camera unit to be installed in small spaces discreetly
- Attached cable (16 ft.) connects camera unit to main unit for flexible placement
- Sensor input and relay output
- IP66 compliant (camera unit)
- Conformance with ONVIF profile S
- 2 year warranty



Optional Accessories



Board IP Camera

02iBD2

2.9mm fixed lens and 3.6mm pinhole lens included, black housing



Vandal Resistant Corner Mount Camera

02i607CM

2.9mm fixed lens, stainless steel housing



Corner Mount Camera

02i605CM

2.9mm fixed lens, stainless steel housing



In-Wall Camera

02i675

2.9mm fixed lens, stainless steel faceplate



Angle Mount Camera

02i695

2.9mm fixed lens, stainless steel housing



Discreet Ceiling Mounted Color Camera

02i562

3.6mm pinhole lens, white housing



Facial Identification Camera

02iTC23

2.9mm fixed lens, black housing



Common Features

- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication

Optional Accessories



OS102

Dual-Codec H.264/MJPEG 1 Ch. Video Server

OS102 is a dual-codec (H.264 & MJPEG) video server in an ultra compact housing. Multiple video streams with differentiated resolutions and frame rates will ensure highest quality service while enabling simultaneous connections through lower speed networks. It supports all the features required on a 1 channel video server plus advanced features for cost savings. It will convert your analog CCTV camera into an advanced IP video camera.



Optional Accessories



D1BD

Single Channel IP Encoder for Analog Cameras

D1BD is a dual-codec (H.264 & MJPEG) single channel encoder. It is a cost effective solution for converting video from an analog camera into IP. Converts analog video into digital D1 resolution @ 30fps.



Optional Accessories



IP Accessories



WiFi Adaptor for IP Cameras WIFIMOD

- Converts Speco IP cameras to WiFi
- Dual-band WiFi (2T2R 802.11n)
- Easy setup through Speco Connect mobile app - no need to log into the camera through a web viewer to connect it to an access point
- 2 year warranty



300Mbps, 2.4Ghz Outdoor WiFi AP & Repeater APRPT

- Extends the range of WiFi ready equipment beyond typical performance range with a signal up to 300'
- Enables plug and play for the Speco Connect camera on HT/HS/NS recorders
- Includes ball joint mount with wall and pole mount attachments



Sold individually



300Mbps Outdoor Point-to-Point AP with DIP Function AP200M AP300M 2.4Ghz 5.85Ghz

- Point-to-point direct networking between camera and recorder/viewer
- Frequency and IP address set by dip switches
- Signal up to 7000' line of sight
- Includes ball joint mount with wall and pole mount attachments



AP200M
Sold individually

AP300M
Sold individually



4/8 PoE Port 10/100 802.3af/at Switch



POE4SW5 / POE8SW9

- Total ports: 5 / 9
- PoE ports: 4 / 8
- Ethernet speed: 10/100MBPS
- Ethernet standards: IEEE 802.3/802.3u/802.3at/af
- Power max per single port 25W
- Power max for entire unit 65W / 100W

PoE/LAN Repeater IPPOERPT

- Extends both power and data 330' per repeater
- Purchase a second repeater for a total run of 1000'
- No external power required



- Compatible with the 802.3af standard
- Supports gigabit network speeds
- Plug and play for easy installation

16 PoE Port 10/100 802.3af/ at Switch



POE16SW18

- 1U, 19" metal casing
- 16 10/100Mbps RJ-45 with PoE/PSE ports
- 2 combo Gigabit UTP/SFP uplink ports
- Max. 30W power per PoE/PSE port, with total power budget of 230W
- Complies with IEEE 802.3u 100Base-TX, IEEE 802.x flow control, 802.3az Green Ethernet, IEEE 802.3at and backwards compatible with IEEE 802.3af
- 200Mbps transmission speed in full-duplex mode
- Flow control: back pressure in half-duplex and IEEE 802.3x in full-duplex

802.3af/at PoE Injector



POEINJ

- Ports: 1 x RJ-45 output, 1 x RJ-45 input
- Ethernet speed: Up to 10/100/1000MBPS
- PoE standards: IEEE 802.3at/af
- Power: 25.5W Max

802.3af/at PoE Splitter



POESPL

- Ports: 1 x RJ-45, 1 x 2-pin terminal block output, 1 x RJ-45 input
- Ethernet speed: Up to 10/100MBPS
- PoE standards: IEEE 802.3at/af
- PoE power: 20W Max

PoE Surge Protector SPPOE



- RJ45 to RJ45 connection
- 802.3af compatible
- Works with both midspans and endspans/switches
- Power and signal line protection
- Sold in pairs to protect expensive equipment at both ends of run

Ethernet and Power Over Coax Adaptor Kit

One transmitter unit (IPC), One receiver unit (SV), Power supply

EPCOAX

- Use coaxial cable to transmit power and ethernet data.
- Max transmission distance up to 3200' (2km)
- Network delay less than 1ms
- Loop circuit mode feature
- Supports resolutions up to 1080p



VIDEO SURVEILLANCE KITS



GREAT FOR RESIDENTIAL APPLICATIONS



PERFECT FOR SMALL COMMERCIAL APPLICATIONS



ALL-IN-ONE 4 channel and 8 channel kits with 4 or 8 1080p bullet and/or dome cameras

Our all-in-one kits are expanding and now available in several different technologies and configurations. Forget the hassel of picking out individual products, now just grab a kit and go! Best suited for small commercial or residential applications our kits not only come in IP or HD-TVI but also with wall mounts to promote a more covert operation. After much anticipation and high demand we now have Intensifier® kits that are available with either wall mount or desktop recorders.

See page 50 for IP kits



See page 51 for HD-TVI kits



See page 52 for Wall Mount kits



See page 53 for Intensifier® kits



IP Camera Comparison Chart



Category	4K H.265	4K H.265	5MP H.265	5MP H.265	4MP IR	4MP IR
Model	08D4M	08B3M	05D4M	05B3M	04D2M	04B2M
Product Image						
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Lens	3.6-10mm motorized	3.6-10mm motorized	3.6-10mm motorized	3.6-10mm motorized	2.7-12mm motorized	2.7-12mm motorized
Image Sensor	1/1.9" CMOS	1/1.9" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/3" CMOS	1/3" CMOS
Maximum Resolution	3840 x 2160	3840 x 2160	2592 x 1944	2592 x 1944	2560 x 1440	2560 x 1440
Frame Rate	Max. 30fps @ 3840x2160 / 2592x1456 Max. 120fps @ 1920 x 1080 / 1280x720	Max. 30fps @ 3840x2160 / 2592x1456 Max. 120fps @ 1920 x 1080 / 1280x720	Max. 30fps @ 2592x1944 / 2592x1456 / 2048x1536 / 1920x1080	Max. 30fps @ 2592x1944 / 2592x1456 / 2048x1536 / 1920x1080	Max. 30fps @ 2560x1440 / 2304x1296 / 1920x1080	Max. 30fps @ 2560x1440 / 2304x1296 / 1920x1080
Minimum Illumination	F1.5, Color: 0.2 lux, BW: 0 lux (IR LED on)	F1.5, Color: 0.2 lux, BW: 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)
Compensation	WDR	WDR	WDR	WDR	WDR	WDR
Day/Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
IR Range (depending on scene reflection)	50 ft.	98 ft.	50 ft.	98 ft.	160 ft.	160 ft.
Number of Streams	3	3	3	3	3	3
Compression	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps
Audio Connection	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out
Alarm Connection	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output
Analog Output	CVBS test output	CVBS test output	CVBS test output	CVBS test output	CVBS test output	CVBS test output
Storage	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
Power Consumption	8W	8.4W	8W	8W	10W	10W
Operating Temperature	-14°F - 122°F	-14°F - 122°F	-4°F - 122°F	-4°F - 122°F	-22°F - 140°F	-22°F - 140°F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	IP66, smart IR, 3-axis, Chameleon Cover™	IP66, smart IR	IP66, smart IR, 3-axis, Chameleon Cover™	IP66, smart IR	IP67, smart IR, 3-axis	IP67, smart IR

IP Camera Comparison Chart



Category	WiFi	WiFi	Flexible Intensifier®	Flexible Intensifier®	Intensifier®	Intensifier®	Intensifier®
Model	02C1	02CP2	02FD4M	02FB3M	02iD4M	02iMD1 / 02iMD1W	02iB3M
Product Image							
Environment	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Lens	2.9mm fixed	3.6mm fixed	2.8-12mm motorized	2.8-12mm motorized	2.8-11mm motorized	2.9mm fixed	2.8-11mm motorized
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720
Minimum Illumination	F1.4, Color: 0.14 lux, B/W: 0 lux (IR LED on)	F2.5, 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)
Compensation	WDR	WDR	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC
Day/Night	IR cut filter	IR cut filter	Intensifier® / IR cut filter	Intensifier® / IR cut filter	Intensifier®	Intensifier®	Intensifier®
IR Range (depending on scene reflection)	33 ft.	30 ft.	50 ft.	98 ft.	-	-	-
Number of Streams	3	3	3	3	3	3	3
Compression	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps
Audio Connection	Integrated Mic / Speaker	Integrated Mic / Speaker	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out
Alarm Connection	-	-	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output
Analog Output	-	-	CVBS test output	CVBS test output	CVBS test output	CVBS test output	CVBS test output
Storage	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot
Network Connection	WiFi 802.11b/g/n 2T2R	WiFi 802.11b/g/n 2T2R	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	5VDC	5VDC	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
Power Consumption	12.5W	12.5W	8W	8W	8W	7W	8W
Operating Temperature	32°F - 113°F	32°F - 113°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, Speco Connect, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, Speco Connect, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	Smart IR	Smart IR, Remote Pan/Tilt	IP66, Smart IR, Heater, 3-axis, Chameleon Cover™	IP66, Smart IR	IP66, Heater, 3-axis, Chameleon Cover™	IP66, 3-axis	IP66, Heater

IP Camera Comparison Chart



Category	Intensifier®	IR	IR	IR	IR	IR	3MP IR
Model	02iB6	02D11M	02D7M	02D5M	02D60M	02MD2 / 02MD2W	03VLD1
Product Image							
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Lens	2.9mm fixed	2.8-12mm motorized	3.3-10mm motorized	3.3-10mm motorized	3.3-10mm motorized	3.7mm fixed	2.8mm fixed lens
Image Sensor	1/3" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/3" CMOS
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2304 x 1296
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 60fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 20fps @ 2304x1296 Max. 30fps @ 1920x1080 / 1280x720
Minimum Illumination	F1.2, Color: 0.001 lux (max intensify)	F1.5, Color: 0.2 lux BW: 0 lux	F1.4, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)	F2.0, Color: 0.2 lux, BW: 0 lux	F2.0, Color: 0.37 lux, BW: 0 lux
Compensation	WDR, BLC	IR LED on	D-WDR, BLC	D-WDR, BLC	D-WDR, BLC	WDR	D-WDR, BLC
Day/Night	Intensifier®	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
IR Range (depending on scene reflection)	-	65 ft.	65 ft.	65 ft.	90 ft.	30 ft.	98 ft.
Number of Streams	3	3	3	3	3	2	2
Compression	H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.264 (MP) / MJPEG	H.264 (MP) / MJPEG	H.264 (MP) / MJPEG	H.264 (MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	-	-
Audio Connection	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	-	-
Alarm Connection	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	-	-
Analog Output	CVBS test output	CVBS test output	BNC output	BNC output	BNC output	-	-
Storage	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	-	-
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
Power Consumption	7W	8W	-	-	-	-	5W
Operating Temperature	-4°F - 122°F	14°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-13°F - 122°F	-20° F - 140° F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	IP66, Heater	IP66, EZ Focus, Smart IR, 3-axis	IP66, Smart IR, Heater, 3-axis	IP66, Smart IR, heater, 3-axis, Chameleon Cover™	IP66, Smart IR, Heater	IP66, 3-axis	IP67, 3-axis

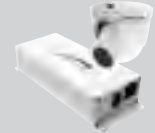
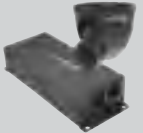
IP Camera Comparison Chart



Category	IR	IR	IR	IR	3MP IR	PTZ	PTZ
Model	02DP9	02B16	02B8M	02B6	03VLB3	02P30X	02P10X
Product Image							
Environment	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Lens	3.7mm fixed	3-9mm motorized	3.3-10mm motorized	3.6mm fixed	2.8mm fixed	4.3-129mm 30x optical zoom	5.1-51mm 10x optical zoom
Image Sensor	1/2.9" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2304 x 1296	1920 x 1080	1920 x 1080
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 60fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 20fps @ 2304x1296 Max. 30fps @ 1920x1080 / 1280x720"	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720
Minimum Illumination	F2.0, Color: 0.2 lux, BW: 0 lux	F1.2, Color: 0.05 lux, BW: 0.01 lux	F1.4, 0 lux (IR LED on)	F2.0, 0 lux (IR LED on)	F2.0, Color: 0.37 lux, BW: 0 lux	Color: 0.5 lux, BW: 0.1 lux	F1.2, Color: 0.05 lux (max intensify)
Compensation	WDR	WDR, BLC	D-WDR, BLC	WDR	D-WDR, BLC	WDR, BLC	WDR
Day/Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	Intensifier®
IR Range (depending on scene reflection)	30 ft.	98 ft.	90 ft.	50 ft.	98 ft.	-	-
Number of Streams	2	3	3	3	2	3	3
Compression	H.264 (MP/BP) / MJPEG	H.264 (HP/MP) / MJPEG	H.264 (MP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
Audio Compression	-	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	-	G.711 64Kbps	G.711 64Kbps
Audio Connection	-	Line in / Line out	Line in / Line out	Line in / Line out	-	Line in / Line out	Line in / Line out
Alarm Connection	-	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	-	Sensor input / Relay output	Sensor input / Relay output
Analog Output	-	CVBS test output	BNC output	CVBS test output	-	BNC output	-
Storage	-	Micro SD slot	Micro SD slot	Micro SD slot	-	-	-
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	24VAC, 802.3at PoE+	12VDC, 802.3af PoE+
Power Consumption	7W	9W	9W	7W	5W	24W	15W
Operating Temperature	32°F - 113°F	14°F - 122°F	-4° F - 122° F	-4° F - 122° F	-20° F - 140° F	-4° F - 122° F	14° F - 122° F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	3-axis	IP66, smart IR	IP66, smart IR, heater	IP66, smart IR, heater	IP67	IP66	IP66

IP Camera Comparison Chart



Category	Traditional	5MP 360°	Specialty Intensifier®	Specialty	Specialty	Specialty Intensifier®	Specialty Intensifier®
Model	02T6	05MDP1 / 05MDP1W	02iMT61	02MT61B	02MB1 / 02MB1W	02iBD2	02i605CM
Product Image							
Environment	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor
Lens	CS type compatible	0.98-1.12mm panomorph	2.9mm fixed	3.7mm fixed	3.7mm fixed	2.9mm fixed / 3.6mm pinhole	2.9mm fixed
Image Sensor	1/2.9" CMOS	1/2.5" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS	1/3" CMOS
Maximum Resolution	1920 x 1080	2592 x 1944	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 10fps @ 2592x1944	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720
Minimum Illumination	F1.4, BW: 0.12 lux	F1.4, 0.12 lux	F1.2, Color: 0.001 lux (max intensify)	F1.4, 0.12 lux	F1.4, 0.12 lux	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)
Compensation	WDR	WDR	WDR, BLC	WDR	WDR	WDR, BLC	WDR, BLC
Day/Night	IR cut filter	-	Intensifier®	-	-	Intensifier®	Intensifier®
IR Range (depending on scene reflection)	-	-	-	-	-	-	-
Number of Streams	3	3	3	3	3	3	3
Compression	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps
Audio Connection	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out
Alarm Connection	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output
Analog Output	CVBS test output	CVBS test output	-	-	-	-	-
Storage	SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
Power Consumption	6W	3W	7W	8W	8W	6W	6W
Operating Temperature	32° F - 113° F	-4° F - 122° F	14° F - 122° F	32° F - 113° F	32° F - 113° F	14° F - 122° F	14° F - 122° F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	-	IP66	IP66 (camera unit)	-	-	-	Corner mount housing

IP Camera Comparison Chart



Category	Specialty Intensifier®	Specialty Intensifier®	Specialty Intensifier®	Specialty Intensifier®	Specialty Intensifier®	Encoder	Encoder
Model	02i607CM	02i675	02i695	02iTC23	02i562	0S102	D1BD
Product Image							
Environment	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Lens	2.9mm fixed	2.9mm fixed	2.9mm fixed	2.9mm fixed	3.6mm pinhole	-	-
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	-	-
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	704 x 480	704 x 480
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 704x480	Max. 30fps @ 704x480
Minimum Illumination	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	-	-
Compensation	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC	-	-
Day/Night	Intensifier®	Intensifier®	Intensifier®	Intensifier®	Intensifier®	-	-
IR Range (depending on scene reflection)	-	-	-	-	-	-	-
Number of Streams	3	3	3	3	3	2	2
Compression	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	-	-
Audio Connection	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	-	-
Alarm Connection	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	-
Analog Output	-	-	-	-	-	-	-
Storage	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	-	-
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC	12VDC
Power Consumption	6W	6W	6W	6W	6W	3W	3W
Operating Temperature	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	32° F - 113° F	32° F - 113° F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	Vandal resistant corner mount housing	In-wall faceplate housing	Angle mount housing	Facial Identification housing	Ceiling mount housing	-	-

SecureGuard® VMS allows users to view their sites remotely from anywhere in the world **without licensing fees**. With our software you can effortlessly manage and monitor multiple sites for **FREE**.

A simple and powerful video management software that lets users easily manage Speco's line of DVRs, NVRs, and IP cameras. Users can view, record, playback and export multiple DVRs, NVRs, and IP cameras from anywhere, all at the same time. The easy-to-use user interface is all you need to completely monitor your surveillance system. Free updates will keep you up-to-date with Speco's latest offerings. It is available for **FREE** with **NO licensing fees**.

Enhance your experience with SecureGuard® by using one of Speco's SecureGuard® Servers. These high performing and reliable servers are flexible and fully scalable to meet the growing demands of your surveillance infrastructure.

FREE & EASY-TO-USE VMS SOFTWARE

- Available as a standalone or client-server application
- Compatible with Speco DVRs, NVRs and IP cameras
- View up to 64 cameras in a single instance
- Store unlimited number of DVRs, NVRs, IP cameras and Mobile Devices
- Create unlimited number of users and authority roles
- Auto-detection of Speco IP cameras for easy setup
- Free software updates
- Remotely configure DVRs, NVRs, and IP cameras through their web interface
- Backup and restore system database in case of system or hardware failures
- Tag sites of interest for quick and easy identification within the system environment
- Prevent user access to IP cameras and DVR/NVR channels in live view and playback
- Notify users of event driven recordings through email notifications (Pre-loaded with Gmail, Yahoo Mail, Hotmail, Microsoft Live, and AOL email server settings)
- Option of connecting to sites via DDNS
- Import/Export system settings to save setup time
- Activate system lock to prevent tampering
- Comes packaged with Speco's IP Scanner tool and SecureGuard® Player
- Record to a DAS or a NAS drive for expanded storage
- Dewarp Immervision 360 degree panoramic lens
- Stream real-time video from mobile device using SecureGuard® Streamer

LIVE VIEWING

- PTZ control through DVR and NVR as well as PTZ IP camera
- Digital PTZ also available on every camera
- Select sites of particular interest in various screen modes for video sequencing
- Take quick snapshots of sites in question during live and playback modes
- Improve on-screen image quality in live and playback modes by adjusting the brightness, contrast, saturation, hue, and sharpness
- Manually record sites when necessary
- Dual Stream support for IP cameras, DVRs and NVRs reduces video network traffic and improves system performance²
- On-screen visual indicators notify you when a recording is triggered by an event
- Save your sites of interest in your favorite layout
- Send audio to single or multiple edge devices—IP cameras, DVRs, and NVRs—at once by using Push-To-Talk or by sending a pre-loaded audio message²
- Stream audio continuously to multiple edge devices²



TAKE CONTROL OF YOUR SECURITY

RECORDING, PLAYBACK AND EXPORT

- Single and multi-site playback
- Automate the recording process by setting up recording schedules
- Continuous and Event based recordings available for Speco DVRs, NVRs, and IP cameras
- Playback video from Speco DVRs, NVRs, and IP cameras with SD card support¹
- Search through scheduled and edge recordings fast, easily and efficiently using EZ Search, Event Search and Timeline Search^{3,4}
- Quickly glide through scheduled recordings in 5 minute to 1 hour time increments using the playback sliderbar
- Listen and record audio from Speco IP cameras, DVRs and NVRs²
- Flexibility of exporting data in avi, mkv, or mov format
- Multi-channel playback available for exported clips from DVRs & NVRs with SecureGuard® Player
- Watermark archived video on exports by placing image overlay on either of the 4 corners of the video frame
- Batch export multiple event clips from list of local/server events



SG115

- » Up to 24 HD 1080p Cameras
- » 6TB Internal Storage



SG315

- » Up to 64 HD 1080p IP Cameras
- » Up to 48TB Internal Storage



SG515 (2U)

- » Up to 128 HD 1080p IP Cameras
- » Up to 72TB Internal Storage



SG515 (4U)

- » Up to 128 HD 1080p IP Cameras
- » Up to 144TB Internal Storage

BE ANYWHERE AT ANYTIME with these high performance and reliable servers that come loaded with our powerful yet easy-to-use video management software, SecureGuard®.

SecureGuard® lets you easily manage, monitor, and control multiple sites for FREE and with the accompanying client software, SecureGuard® Client, multiple users can view and playback video from the server and the sites from anywhere in the world. SecureGuard® is fully scalable to meet the growing demands of your business' surveillance needs. Free software updates will keep you up-to-date with Speco's latest technological advancements and will keep your system performing optimally at no cost.



- » **FREE** Video Management Software with **NO** licensing fees
- » Simple user interface for managing Speco's line of IP Cameras, NVRs and DVRs
- » Free updates will keep you up-to-date with Speco's latest offerings
- » Fully scalable to support any installation type
- » Hardware RAID available on select models
- » Stay connected 24/7 with Speco's **FREE** DDNS service



Contact our team today! 1.800.645.5516

SecureGuard® Design Service

We Design Your Surveillance System!

DON'T STRESS OVER WHAT SURVEILLANCE SYSTEM YOU NEED! SecureGuard® experts will help design a custom surveillance solution from the ground up with our SecureGuard® Servers at **NO ADDITIONAL COST!** Let our professionals select cameras and technologies that will best fit your needs or design a system that supports your existing surveillance system.

VALUE ADDED SERVICE AT NO COST!

SecureGuard® Mobile



SecureGuard® Mobile is the remote viewing app for Speco products. Available for Android™, iPhone® and iPad®



FEATURES

- Supports live view on IP cameras and NVRs/DVRs
- Supports playback on NVRs/DVRs with pause, rewind, and fast forward controls
- View individual camera channels from different recording devices in a single, custom group
- Built-in PTZ controls
- Go directly to your favorite group with the default group
- Live view support for SecureGuard® Server sites on your iPhone®



With SecureGuard® Mobile users have the capability of viewing both live and playback on any of Speco Technologies' recording devices.

SecureGuard® Mobile also allows users to set up custom groups of specific channels that can be placed together and viewed in one group. Digital Zoom, PTZ controls and audio features are also available. Stay up-to-date with Speco's latest technological advancements.

Download SecureGuard® Mobile in your app store today!



SecureGuard® Streamer



Let your smartphone be your surveillance camera / point of view body cam!



Download Speco Streamer app and stream what is on your smartphone live while recording to **SecureGuard® Server** for real-time video surveillance



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SecureGuard® for Apple TV



Compatible with Speco NVRs, DVRs and IP Cameras

View your sites at any location from the convenience of your own home or business with Apple TV®



Experience easy setup through Site Sync with SecureGuard® Mobile app. Sync all sites to your Apple TV and you're done! Upgrade SecureGuard through this App Store and enjoy a hassle-free setup within minutes!



Using Speco's NVRs, DVRs and IP cameras enjoy a beautiful image and view your sites enabled in SecureGuard® Mobile.

NS 4K H.265 NVR



N32NS 32 Channel Network Video Recorder

Configurations			
N32NS2TB	N32NS4TB	N32NS9TB	N32NS18TB
N32NS3TB	N32NS6TB	N32NS12TB	-

EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto copy what you are playing onto a USB flash drive

- Video Out: 1 HDMI, 1 VGA, 1 CVBS
- Supports up to 4K resolution
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Supports H.265 and H.264 codecs profiles automatically
- Network video recorder with free Speco DDNS server
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter
- 16 local audio inputs, 32 IP audio inputs
- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- Easy firmware upgrade by USB port or network
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- PC and MAC® compatible
- 3 year warranty

Model			N32NS
Video	Input	IP Channel	32
	Output	HDMI	1 HDMI (4K - 3840x2160, 1920x1080), VGA (1920x1080), CVBS (Main)
Audio	Input & Output		16 line input, 32 IP input, 1 line output, 32 IP output
Alarm	Sensor Input (NC/NO Selectable)		4 local, 32 IP
	Alarm Output		1
Recording	Compression		H.265 and H.264
	Multi-Operation		Quadplex (play, record, network, backup)
	Resolution	3840x2160 (4K)	Ch. 1-4 (30fps each)
		2592x1944 (5MP)	Ch. 1-12 (30fps each)
		2304x1296 (3MP)	Ch. 1-32 (30fps each)
		1920x1080 (2MP)	Ch. 1-32 (30fps each)
Storage	HDD	Interface Type	Serial ATA
		Capacity of 1 HDD	6TB
		Internal HDD Number	3
		e-SATA	1 (supports 4-Bay DAS)
	Backup	USB Flash Drive	Video & Still Image
		USB External HDD	Video & Still Image
		Network	Video & Still Image
	USB Port		3
Network	Interface	10/100/1000 base-TX ethernet	
	IP Camera Throughput	210 Mbps	
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
Features	SW Upgrade		USB and remote software upgrade
Power Source	Power Supply Voltage		12VDC, 5A

Optional Accessories



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit



DSWFUSB
USB Wireless
Access Point



POE4SW5
4 PoE Port 10/100
802.3af/at Switches



POE8SW9
8 PoE Port 10/100
802.3af/at Switches



POE16SW18
16 PoE Port 10/100
802.3af/at Switches

HT HYBRID SERIES IP / HD-TVI / Analog Recorder



D8HT

8 Channel IP, HD-TVI & Analog Full Hybrid Video Recorder

D16HT

16 Channel IP, HD-TVI & Analog Full Hybrid Video Recorder

Configurations			
D8HT1TB	D8HT6TB	D16HT1TB	D16HT6TB
D8HT2TB	D8HT8TB	D16HT2TB	D16HT8TB
D8HT3TB	D8HT9TB	D16HT3TB	D16HT9TB
D8HT4TB	D8HT12TB	D16HT4TB	D16HT12TB

- EZ Wizards**
- Camera: quickly discovers and installs IP cameras
 - Setup: for quick system setup
 - Network: network setup and port forwarding
 - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive

- Real-time recording rate at 30fps/channel on IP / TVI / Analog
- Up to 5MP IP camera resolution on **all** channels
- 1080p@30fps / 720p@30fps on HD-TVI channels
- Dual network ports for isolating IP camera network and remote network traffic
- Networkable full hybrid DVR with free Speco DDNS server
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Cloud upload for events via Google Drive
- UTC function allows for zoom/focus and OSD control over coax
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- Instant playback allows for playback of 1 channel while the rest stays in Live mode
- 3 year warranty

Model			D8HT	D16HT
Video	Input	IP Channels	Up to 8	Up to 16
		HD-TVI / Analog Channels	Up to 8	Up to 16
	Output		HDMI, VGA, CVBS/Spot (1280x720, 1920x1080, 1600x1200)	
	Loopouts		8 (HD-TVI and Analog channels only)	16 (HD-TVI and Analog channels only)
Audio	Input		8 line input, 8 IP input	16 line input, 16 IP input
	Output	Local Output (RCA)	1	1
Alarm	Sensor Input	Local Input	4	4
		Remote Input from IP Camera	8	16
	Alarm Output		1	1
Recording	Compression		H.264 (baseline, main, high profile)	
	Resolution	IP	2592x1944 (5MP)	480fps
			2098 x 1536 (3MP)	480fps
		HD-TVI	1920 x 1080 (1080p)	480fps
		Analog	960H	480fps
Storage	HDD	Capacity of 1 HDD	4TB	
		Internal HDDs	3	
		e-SATA	1	
Network	Max. Throughput		48Mbps	
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	



A patented Hybrid solution that easily mounts in equipment closets or electrical rooms for covert installations

Help your branding efforts by customizing any of our patented wall mounts with your logo!

Optional Accessories					
ERS1V Vented Rack Shelf	IRRPTKIT IR Repeater Kit	DSWFUSB USB Wireless Access Point	POE4SW5 4 PoE Port 10/100 802.3af/ at Switches	POE8SW9 8 PoE Port 10/100 802.3af/ at Switches	POE16SW18 16 PoE Port 10/100 802.3af/ at Switches



Remote setup through network, HD image



1080p HD image over coax cabling



Channels configurable to IP, HD-TVI or Analog



One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence



Quickly search events from thumbnails



Audio/Visual Crime Deterrent
Stop Crime Before It Happens



Communicate with remote locations instantly to assist in crime prevention



System Monitoring - Recording device can report performance health issues via email



Cloud upload for events via Google Drive



Mass alert notification via Twitter™

HT HYBRID WALL MOUNT SERIES Configurations



CH.	HDD	Base Model	Built-in Monitor
8	1TB	D8WHT1TB	D8WHTM1TB
	2TB	D8WHT2TB	D8WHTM2TB
	3TB	D8WHT3TB	D8WHTM3TB
	4TB	D8WHT4TB	D8WHTM4TB
	6TB	D8WHT6TB	D8WHTM6TB
	8TB	D8WHT8TB	D8WHTM8TB
	9TB	D8WHT9TB	D8WHTM9TB
	12TB	D8WHT12TB	D8WHTM12TB
16	1TB	D16WHT1TB	D16WHTM1TB
	2TB	D16WHT2TB	D16WHTM2TB
	3TB	D16WHT3TB	D16WHTM3TB
	4TB	D16WHT4TB	D16WHTM4TB
	6TB	D16WHT6TB	D16WHTM6TB
	8TB	D16WHT8TB	D16WHTM8TB
	9TB	D16WHT9TB	D16WHTM9TB
	12TB	D16WHT12TB	D16WHTM12TB

VT DVR SERIES

HD-TVI Recorder



- D4VT** 4 Channel HD-TVI & Analog DVR
- D8VT** 8 Channel HD-TVI & Analog DVR
- D16VT** 16 Channel HD-TVI & Analog DVR

Configurations		
D4VT1TB	D8VT1TB	-
D4VT2TB	D8VT2TB	D16VT2TB
D4VT3TB	D8VT3TB	D16VT3TB
D4VT4TB	D8VT4TB	D16VT4TB
D4VT6TB	D8VT6TB	D16VT6TB
D4VT8TB	D8VT8TB	D16VT8TB

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 - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
 - Backwards compatible with all analog cameras
 - UTC function allows for zoom/focus and OSD control over coax
 - Networkable DVR with free Speco DDNS server
 - 2-way audio communication
 - Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
 - Instant playback allows for playback of 1 channel while the rest stays in Live mode
 - Cloud upload for events via Google Drive
 - Mass alert notification via Twitter™
 - Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
 - 3 year warranty

Models			D4VT	D8VT	D16VT
Video	Input	Channel	4	8	16
	Output		1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)		
Audio	Input & Output		4 line input & 1 line output		
Alarm	Sensor Input		4 channel (NC/NO selectable)		
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure		
Recording	Compression		H.264		
	Resolution	1080p TVI	60fps	120fps	240fps
		960H Analog	120fps	240fps	480fps
Storage	HDD	Capacity of 1 HDD	4TB		
		Internal HDD	2		
	USB Port		1 front, 1 rear		
Network	Interface		10/100Base-T		10/100/1000Base-T
	Streaming		CIF 15fps / channel max.		
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer		



A patented HD DVR solution that easily mounts in equipment closets or electrical rooms for covert installations

Help your branding efforts by customizing any of our patented wall mounts with your logo!

- Base Wall Mount Model**
- D4WVT** 4 channel
 - D8WVT** 8 channel
 - D16WVT** 16 channel

- Wall Mount with Built-In Monitor**
- D4WVTM** 4 channel
 - D8WVTM** 8 channel
 - D16WVTM** 16 channel

- Wall Mount with Built-In PoE**
- D4WVTP** 4 channel
 - D8WVTP** 8 channel
- Wall Mount with Built-In PoE and Monitor**
- D4WVTPM** 4 channel
 - D8WVTPM** 8 channel



1080p HD image over coax cabling



Audio/Visual Crime Deterrent
Stop Crime Before It Happens



Communicate with remote locations instantly to assist in crime prevention



Quickly search events from thumbnails



System Monitoring - Recording device can report performance health issues via email



Cloud upload for events via Google Drive



Mass alert notification via Twitter™

Optional Accessories



VT DVR WALL MOUNT SERIES

Configurations



CH.	HDD	Base Model	Built-In Monitor	Built-In Power Supply	Built-In Power Supply and Monitor
4	1TB	D4WVT1TB	D4WVTM1TB	D4WVTP1TB	D4WVTPM1TB
	2TB	D4WVT2TB	D4WVTM2TB	D4WVTP2TB	D4WVTPM2TB
	3TB	D4WVT3TB	D4WVTM3TB	D4WVTP3TB	D4WVTPM3TB
	4TB	D4WVT4TB	D4WVTM4TB	D4WVTP4TB	D4WVTPM4TB
	6TB	D4WVT6TB	D4WVTM6TB	D4WVTP6TB	D4WVTPM6TB
	8TB	D4WVT8TB	D4WVTM8TB	D4WVTP8TB	D4WVTPM8TB
8	1TB	D8WVT1TB	D8WVTM1TB	D8WVTP1TB	D8WVTPM1TB
	2TB	D8WVT2TB	D8WVTM2TB	D8WVTP2TB	D8WVTPM2TB
	3TB	D8WVT3TB	D8WVTM3TB	D8WVTP3TB	D8WVTPM3TB
	4TB	D8WVT4TB	D8WVTM4TB	D8WVTP4TB	D8WVTPM4TB
	6TB	D8WVT6TB	D8WVTM6TB	D8WVTP6TB	D8WVTPM6TB
16	8TB	D8WVT8TB	D8WVTM8TB	D8WVTP8TB	D8WVTPM8TB
	2TB	D16WVT2TB	D16WVTM2TB	-	-
	3TB	D16WVT3TB	D16WVTM3TB	-	-
	4TB	D16WVT4TB	D16WVTM4TB	-	-
	6TB	D16WVT6TB	D16WVTM6TB	-	-
	8TB	D16WVT8TB	D16WVTM8TB	-	-

NS NVR SERIES

An Intelligent PLUG & WORK NVR That Does The Work For You!



- N4NSP** 4 Channel, 4 Built-In PoE NVR
- N8NSP** 8 Channel, 8 Built-In PoE NVR
- N16NS** 16 Channel without PoE NVR
- N16NSP** 16 Channel, 8 Built-In PoE NVR
- N16NSF** 16 Channel, 16 Built-In PoE NVR

Configurations				
N4NSP1TB	N8NSP1TB	-	-	-
N4NSP2TB	N8NSP2TB	N16NSP2TB	N16NS2TB	N16NSF2TB
N4NSP3TB	N8NSP3TB	N16NSP3TB	N16NS3TB	N16NSF3TB
N4NSP4TB	N8NSP4TB	N16NSP4TB	N16NS4TB	N16NSF4TB
N4NSP6TB	N8NSP6TB	N16NSP6TB	N16NS6TB	N16NSF6TB
-	N8NSP8TB	N16NSP8TB	N16NS9TB	N16NSF8TB

- EZ Wizards**
- Camera: quickly discovers and installs IP cameras
 - Setup: for quick system setup
 - Network: network setup and port forwarding
 - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive
- 8 and 16 channel NVR supports up to 5MP resolution on channel 1
 - 4 channel NVR supports up to 3MP resolution on channel 1
 - Plug & play feature with Speco's IP cameras
 - Dual network ports for isolating IP camera network and remote network traffic
 - Network video recorder with free Speco DDNS server
 - 2-way audio communication
 - Cloud upload for events via Google Drive
 - Mass alert notification via Twitter™
 - PoE Budget: N4NSP - 48W, N8NSP, N16NSP - 96W, N16NSF - 200W
 - Easy firmware upgrade by USB port or network
 - Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
 - 3 year warranty

Model			NSP			NSF	NS	
Video	Input	IP Channel	4	8	16	16	16	
	Output		HDMI, VGA, CVBS (Main) (1280x720, 1920x1080)					
Audio	Input & Output		4 line input, 4 IP input, 1 line output	8 line input, 8 IP input, 1 line output	16 line input, 16 IP input, 1 line output	16 line input, 16 IP input, 1 line output	16 line input, 16 IP input, 1 line output	
Alarm	Sensor Input (NC/NO Selectable)		4 local, 4 IP	4 local, 8 IP	4 local, 16 IP	4 local, 16 IP	4 local, 16 IP	
	Alarm Output		1					
Recording	Compression		H.264 (baseline, main, high profile)					
	Resolution	1920x1080	120fps	240fps	480fps			
Storage	HDD	Capacity of 1 HDD	3TB	4TB	3TB	4TB	3TB	
		Internal HDD Number	2					3
		e-SATA	1					
Network	Interface		10/100 base-TX ethernet	10/100/1000 base-TX ethernet				
	Max. Throughput		20 Mbps	40 Mbps				
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer					
Features	SW Upgrade		USB and remote software upgrade					
Power Source	PoE Standard		All ch. 802.3af			1-2 ch. 802.3at 3-16 ch. 802.3af	-	
	Total PoE Budget		48W	96W		200W	-	

YOUR LOGO HERE

A patented NVR solution that easily mounts in equipment closets or electrical rooms for covert installations

Base Wall Mount Model

N4WNS 4 channel

N8WNS 8 channel

N16WNS 16 channel

Wall Mount with Built-In PoE

N4WNSP 4 channel

N8WNSP 8 channel

N16WNSP 16 channel

Wall Mount with Built-In Monitor

N4WNSM 4 channel

N8WNSM 8 channel

N16WNSM 16 channel

Wall Mount with Built-In PoE and Monitor

N4WNSPM 4 channel

N8WNSPM 8 channel

N16WNSPM 16 channel

Help your branding efforts by customizing any of our patented wall mounts with your logo!

- IP** Remote setup through network, HD Image
- EZ WIZARDS** One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence
- 2-WAY AUDIO** Communicate with remote locations instantly to assist in crime prevention
- DIGITAL DETERRENT** Audio/Visual Crime Deterrent
Stop Crime Before It Happens
- REMOTE UPGRADE** Avoid a service call & upgrade NVR software remotely
- S.M.A.R.T.** System Monitoring - Recording device can report performance health issues via email
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter™

Optional Accessories

ERS1V
Vented Rack Shelf
(for desktop models)

IRRPTKIT
IR Repeater Kit

DSWFUSB
USB Wireless
Access Point

POE4SW5
4 PoE Port 10/100 802.3af/ at
Switches (WNS / WNSM only)

POE8SW9
8 PoE Port 10/100 802.3af/ at
Switches (WNS / WNSM only)

POE16SW18
16 PoE Port 10/100 802.3af/ at
Switches (WNS / WNSM only)

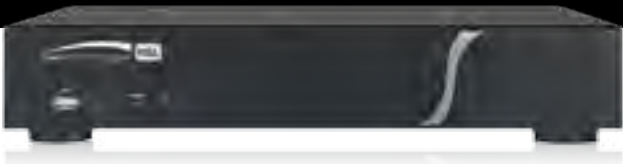
NS NVR WALL MOUNT SERIES

Configurations



CH.	HDD	Base Model	Built-In Monitor	Built-In Power Supply	Built-In Power Supply and Monitor
4	1TB	N4WNS1TB	N4WNSM1TB	N4WNSP1TB	N4WNSPM1TB
	2TB	N4WNS2TB	N4WNSM2TB	N4WNSP2TB	N4WNSPM2TB
	3TB	N4WNS3TB	N4WNSM3TB	N4WNSP3TB	N4WNSPM3TB
	4TB	N4WNS4TB	N4WNSM4TB	N4WNSP4TB	N4WNSPM4TB
	6TB	N4WNS6TB	N4WNSM6TB	N4WNSP6TB	N4WNSPM6TB
	9TB	N4WNS9TB	N4WNSM9TB	-	-
8	1TB	N8WNS1TB	N8WNSM1TB	N8WNSP1TB	N8WNSPM1TB
	2TB	N8WNS2TB	N8WNSM2TB	N8WNSP2TB	N8WNSPM2TB
	3TB	N8WNS3TB	N8WNSM3TB	N8WNSP3TB	N8WNSPM3TB
	4TB	N8WNS4TB	N8WNSM4TB	N8WNSP4TB	N8WNSPM4TB
	6TB	N8WNS6TB	N8WNSM6TB	N8WNSP6TB	N8WNSPM6TB
	8TB	N8WNS8TB	-	N8WNSP8TB	-
16	9TB	N8WNS9TB	N8WNSM9TB	-	-
	1TB	-	-	-	-
	2TB	N16WNS2TB	N16WNSM2TB	N16WNSP2TB	N16WNSPM2TB
	3TB	N16WNS3TB	N16WNSM3TB	N16WNSP3TB	N16WNSPM3TB
	4TB	N16WNS4TB	N16WNSM4TB	N16WNSP4TB	N16WNSPM4TB
	6TB	N16WNS6TB	N16WNSM6TB	N16WNSP6TB	N16WNSPM6TB
	8TB	N16WNS8TB	N16WNSM8TB	N16WNSP8TB	N16WNSPM8TB
	9TB	N16WNS9TB	N16WNSM9TB	-	-

NSL NVR SERIES



- N4NSL** 4 Channel, 4 Built-In PoE NVR
- N8NSL** 8 Channel, 8 Built-In PoE NVR

Configurations	
N4NSL1TB	N8NSL2TB

- EZ Wizards**
- Camera: quickly discovers and installs IP cameras
 - Setup: for quick system setup
 - Network: network setup and port forwarding
 - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive

- Built-In PoE IEEE 802.3af
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Network video recorder with free Speco DDNS server
- Full HD (1920 x 1080) recording and playback
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- 3 year warranty

Optional Accessories



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit



Model			NSL	
Video	Input	Max. IP Channels	4	8
	Output		1 HDMI (1280x720, 1920x1080)	
Audio	Input	IP Camera (Network)	4	8
	Output	Local Output (RCA)	1	
Recording	Compression		H.264 (baseline, main and high profile)	
	Resolution	1080p	120fps	240fps
Playback	Search		EZSearch, Date/Time, Event, Archive, Log	
	Multi-Decoding		1, 4	1, 4, 8
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64	
Backup	Media		USB Drive, External HDD, Network	
	File Format		BMP, AVI, Proprietary Format	
	Large Backup		Yes (max. 24 hours)	
Storage	HDD	Capacity of 1 HDD	1TB	2TB
		Internal HDDs	1	
Event	Sensor In	IP Camera (Network)	4	8
Network	LAN (IP Camera, Auto Connection)		4 (802.3af PoE)	8 (802.3af PoE)
	WAN (IP Camera, Remote Access)		10/100Base-T	
	Max. Throughput		10Mbps	20Mbps
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	
Power Source	Power Supply Voltage		48VDC, 1.2A	48VDC, 2.0A

Who doesn't
WANT MORE?

- ✓ More channels
- ✓ More compression
- ✓ More image

32 Channel H.265 NVR

The N32NS has **H.265 compression** saving about 40% in storage and bandwidth compared to H.264. With all 32 channels supporting up to 3MP resolution, 12 channels can support 5MP and 4 channels can **support up to 4K resolution**. The N32NS is offered with up to 18TB of storage, an updated user interface, and the unique Speco platform featuring EZ Search, EZ Network, and Digital Deterrent®. It's also fully compatible with SecureGuard® VMS, SecureGuard® Mobile, and SecureGuard® for Apple TV, for flexible remote viewing options.



See the **BIG PICTURE**

4K Cameras

Record 4K in real-time and view crystal clear video on any 4K display!

- O8D4M**
4K H.265 Dome IP Camera
3.6-10mm auto iris varifocal motorized lens
- O8B3M**
4K H.265 Bullet IP Camera
3.6-10mm auto iris varifocal motorized lens



N32NS
32 channel H.265 NVR, supports 4K cameras
up to 18TB of storage



HS HYBRID SERIES IP / 960H Recorder



D8HS
8 Channel IP & Analog Full Hybrid Video Recorder

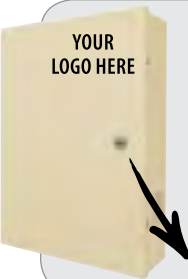
D16HS
16 Channel IP & Analog Full Hybrid Video Recorder

Configurations			
D8HS1TB	D8HS6TB	D16HS1TB	D16HS6TB
D8HS2TB	D8HS8TB	D16HS2TB	D16HS8TB
D8HS3TB	D8HS9TB	D16HS3TB	D16HS9TB
D8HS4TB	D8HS12TB	D16HS4TB	D16HS12TB

- EZ Wizards**
- Camera: quickly discovers and installs IP cameras
 - Setup: for quick system setup
 - Network: network setup and port forwarding
 - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive

- Video Out: 1 HDMI®, 1 VGA, 1 CVBS, 1 Spot
- Real-time recording rate at 30fps/channel for analog channels at 960H and IP channels at Full HD (1920x1080)
- Up to 5MP resolution on channel 1
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Each channel is configurable for either IP or analog
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter™
- Networkable hybrid DVR with free Speco DDNS server
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- 3 year warranty

Models				D8HS	D16HS
Video	Input	IP Channels		Up to 8	Up to 16
		Analog Channels		Up to 8	Up to 16
	Output		HDMI, VGA, CVBS/Spot		
	Loopouts		8 (Analog channels only)	16 (Analog channels only)	
Audio	Input		8 line input, 8 IP input	16 line input, 16 IP input	
	Output	Local Output (RCA)	1	1	
Alarm	Sensor Input	Local Input	4	4	
		Remote Input from IP Camera	8	16	
	Alarm Output		1	1	
Recording	Compression			1 H.264 (baseline, main, high profile)	
	Resolution	IP	2592x1944 (5MP)	Channel 1	
			1920x1080 (1080p)	240fps	480fps
		Analog	960H	240fps	480fps
Storage	HDD	Capacity of 1 HDD		4TB	
		Internal HDDs		3	
		e-SATA		1	
Network	Interface		Dual Network Ports 10/100/1000Base-T		
	Max. Throughput		40Mbps		
Viewing Clients				SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	



A patented Hybrid solution that easily mounts in equipment closets or electrical rooms for covert installations

Base Wall Mount Model
D8WHS 8 channel
D16WHS 16 channel

Wall Mount with Built-In Monitor
D8WHSM 8 channel
D16WHSM 16 channel

Help your branding efforts by customizing any of our patented wall mounts with your logo!

Optional Accessories				
ERS1V Vented Rack Shelf	IRRPTKIT IR Repeater Kit	DSWFUSB USB Wireless Access Point	POE4SW5 4 PoE Port 10/100 802.3af/ at Switches	POE8SW9 8 PoE Port 10/100 802.3af/ at Switches
			POE16SW18 16 PoE Port 10/100 802.3af/ at Switches	

IP Remote setup through network, HD Image

960H High Resolution analog DVRs and cameras

HYBRID Channels configurable to IP or analog

DIGITAL DETERRENT Audio/Visual Crime Deterrent Stop Crime Before It Happens

2-WAY AUDIO Communicate with remote locations instantly to assist in crime prevention

EZ SEARCH Quickly search events from thumbnails

EZ WIZARDS One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence

S.M.A.R.T. System Monitoring - Recording device can report performance health issues via email

Cloud upload for events via Google Drive

Mass alert notification via Twitter™

HS HYBRID WALL MOUNT SERIES



CH.	HDD	Base Model	Built-In Monitor
8	2TB	D8WHS2TB	D8WHSM2TB
	3TB	D8WHS3TB	D8WHSM3TB
	4TB	D8WHS4TB	D8WHSM4TB
	6TB	D8WHS6TB	D8WHSM6TB
	8TB	D8WHS8TB	D8WHSM8TB
16	2TB	D16WHS2TB	D16WHSM2TB
	3TB	D16WHS3TB	D16WHSM3TB
	4TB	D16WHS4TB	D16WHSM4TB
	6TB	D16WHS6TB	D16WHSM6TB
	8TB	D16WHS8TB	D16WHSM8TB

Optional Accessories				
IRRPTKIT IR Repeater Kit	DSWFUSB USB Wireless Access Point	POE4SW5 4 PoE Port 10/100 802.3af/ at Switches	POE8SW9 8 PoE Port 10/100 802.3af/ at Switches	POE16SW18 16 PoE Port 10/100 802.3af/ at Switches

IP 4 & 8 CHANNEL KITS



ZIPL4D1
4 Channel Built-In PoE NVR, 1TB
4 1080p Outdoor IR Dome Cameras

ZIPL4B1
4 Channel Built-In PoE NVR, 1TB
4 1080p Outdoor IR Bullet Cameras

- Camera Specifications**

 - 2.8mm fixed lens
 - Real-time video up to 30fps
 - PoE IEEE 802.3af
 - Dual streaming
 - Weather/vandal resistant
 - IP66 compliant
 - 2 year warranty
- NVR Specifications**

EZ Wizards

 - Camera: quickly discovers and installs IP cameras
 - Setup: for quick system setup
 - Network: network setup and port forwarding
 - Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto copy what you are playing onto a USB flash drive
- Built-In PoE IEEE 802.3af
 - Plug & play feature with Speco's IP cameras
 - Dual network ports for isolating IP camera network and remote network traffic
 - Network video recorder with free Speco DDNS server
 - Full HD (1920 x 1080) recording and playback
 - Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
 - IR remote control and mouse included
 - 3 year warranty

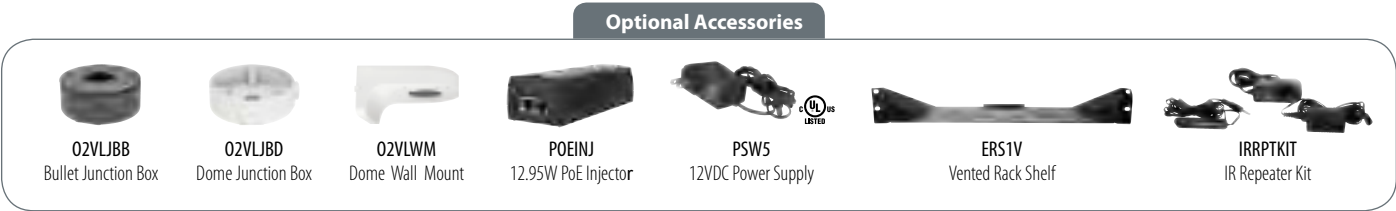
ZIPL84D2
8 Channel Built-In PoE NVR, 2TB
4 1080p Outdoor IR Dome Cameras

ZIPL84B2
8 Channel Built-In PoE NVR, 2TB
4 1080p Outdoor IR Bullet Cameras

ZIPL88D2
8 Channel Built-In PoE NVR, 2TB
8 1080p Outdoor IR Dome Cameras

ZIPL88B2
8 Channel Built-In PoE NVR, 2TB
8 1080p Outdoor IR Bullet Cameras

Models			ZIPL4D1 / ZIPL4B1	ZIPL84D2 / ZIPL84B2 / ZIPL88D2 / ZIPL88B2 / ZIPL8BD2
Video	Input	Max. IP Channels	4	8
	Output		1 HDMI (1280x720, 1920x1080)	
Audio	Input	IP Camera (Network)	4	8
	Output	Local Output (RCA)	1	1
Recording	Compression		H.264 (baseline, main and high profile)	
	Resolution	1080p	120fps	240fps
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual / Continuous + Motion / Continuous + Sensor	
Event	Sensor In	IP Camera (Network)	4	8
Network	LAN (IP Camera, Auto Connection)		4 (802.3af PoE)	8 (802.3af PoE)
	WAN (IP Camera, Remote Access)		10/100Base-T	
	Max. Throughput		10Mbps	20Mbps
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	



HD-TVI 4 & 8 CHANNEL KITS



ZIPT4D1
4 Channel HD-TVI 1080p DVR, 1TB
4 HD-TVI 1080p Outdoor IR Dome Cameras

ZIPT4B1
4 Channel HD-TVI 1080p DVR, 1TB
4 HD-TVI 1080p Outdoor IR Bullet Cameras

- Camera Specifications**

 - HD-TVI 1080p @ 30fps
 - 3.6mm fixed lens
 - Weather resistant
 - Additional analog output for 960H
 - IP66 compliant
 - 2 year warranty
- DVR Specifications**

EZ Wizards

 - Setup: for quick system setup
 - Network: network setup and port forwarding
 - Record: quickly setup recording resolutions and recording type

EZ Search: quickly search events from thumbnails

EZ Copy: auto copy what you are playing onto a USB flash drive

 - 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
 - Backwards compatible with all analog cameras
- Networkable DVR with free Speco DDNS server
 - 2-way audio communication
 - Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
 - Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
 - Mass alert notification via Twitter™
 - Cloud upload for events via Google Drive
 - 3 year warranty

ZIPT84D2
8 Channel HD-TVI 1080p DVR, 2TB
4 HD-TVI 1080p Outdoor IR Dome Cameras

ZIPT84B2
8 Channel HD-TVI 1080p DVR, 2TB
4 HD-TVI 1080p Outdoor IR Bullet Cameras

ZIPT88D2
8 Channel HD-TVI 1080p DVR, 2TB
8 HD-TVI 1080p Outdoor IR Dome Cameras

ZIPT88B2
8 Channel HD-TVI 1080p DVR, 2TB
8 HD-TVI 1080p Outdoor IR Bullet Cameras

Models			ZIPT4B1 / ZIPT4D1		ZIPT84D2 / ZIPT84B2 / ZIPT88D2 / ZIPT88B2 / ZIPT8BD2	
Video	Input	Channel	4		8	
	Output		1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)			
Audio	Input & Output		4 line input & 1 line output			
Alarm	Sensor Input		4 channel (NC/NO selectable)			
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure			
Recording	Compression		H.264			
	Resolution	1080p TVI	60fps		120fps	
		960H Analog	120fps		240fps	
Storage	USB Port		1 front, 1 rear			
Network	Interface		10/100Base-T			
	Streaming		CIF 15fps / channel max.			
Viewing Clients			SecureGuard® , SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer			



HD-TVI 4 CHANNEL WALL MOUNT KITS



Help your branding efforts by customizing any of our patented wall mounts with your logo!

Camera Specifications

- HD-TVI 1080p @ 30fps
- 3.6mm fixed lens
- Additional analog output for 960H
- Weather resistant
- IP66 compliant
- 2 year warranty

DVR Specifications

EZ Wizards

- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations

- Backwards compatible with all analog cameras
- Networkable DVR with free Speco DDNS server
- 2-way audio communication
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Network accessible via SecureGuard® and SecureGuard® Mobile
- Mass alert notification via Twitter™
- Cloud upload for events via Google Drive
- 3 year warranty



ZIPTW4D1

4 Channel HD-TVI 1080p Wall Mount DVR, 1TB
4 HD-TVI 1080p Outdoor IR Dome Cameras

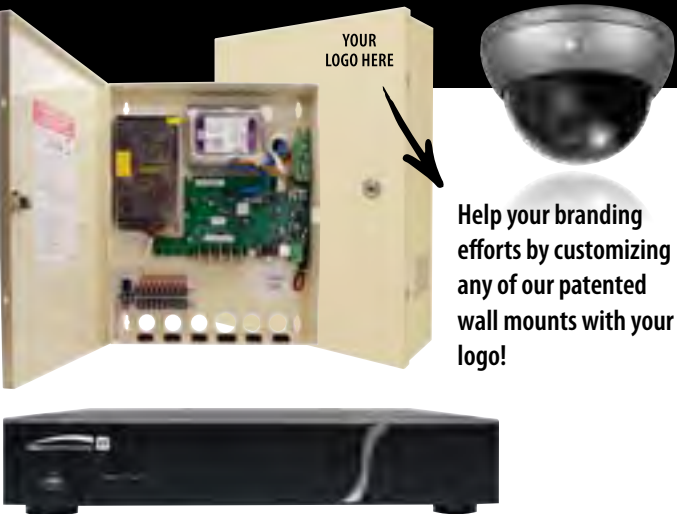
ZIPTW4B1

4 Channel HD-TVI 1080p Wall Mount DVR, 1TB
4 HD-TVI 1080p Outdoor IR Bullet Cameras



Models			ZIPTW4D1 / ZIPTW4B1
Video	Input	Channel	4
	Output		1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)
Audio	Input & Output		4 line input & 1 line output
Alarm	Sensor Input		4 channel (NC/NO selectable)
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure
Recording	Compression		H.264
	Resolution	1080p TVI	60fps
		960H Analog	120fps
Storage	USB Port		1 front, 1 rear
Network	Interface		10/100Base-T
	Streaming		CIF 15fps / channel max.
Network Access			SecureGuard® , SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer

HD-TVI 4 CHANNEL INTENSIFIER® KITS



Help your branding efforts by customizing any of our patented wall mounts with your logo!

Camera Specifications

- HD-TVI 1080p @ 30fps
- 2.8-12mm auto iris varifocal lens
- True WDR operation
- Weather resistant
- Additional analog output for 960H
- Chameleon Cover™: snaps on and can be painted to match any décor!*
- IP67 compliant
- 5 year warranty

DVR Specifications

EZ Wizards

- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations

- Backwards compatible with all analog cameras
- Networkable DVR with free Speco DDNS server
- 2-way audio communication
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Network accessible via SecureGuard® and SecureGuard® Mobile
- Mass alert notification via Twitter™
- Cloud upload for events via Google Drive
- 3 year warranty

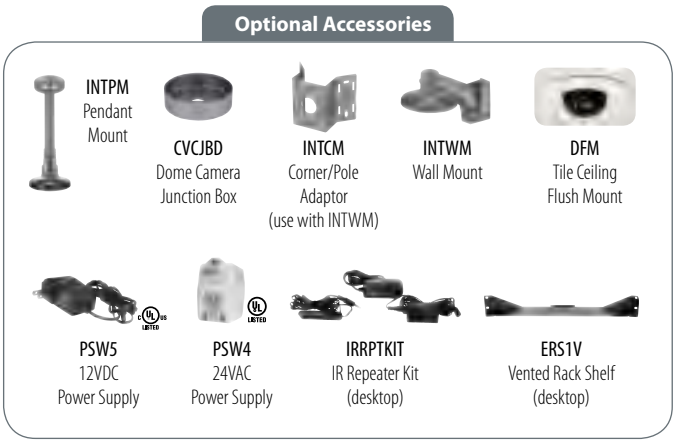


ZIPT471

4 Channel HD-TVI 1080p DVR, 1TB
4 HD-TVI 1080p Outdoor Intensifier® Dome Cameras

ZIPTWP471

4 Channel HD-TVI 1080p **Wall Mount** DVR,
with Built-in Power Supply, 1TB
4 HD-TVI 1080p Outdoor Intensifier® Dome Cameras



Models			ZIPT471 / ZIPTWP471
Video	Input	Channel	4
	Output		1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)
Audio	Input & Output		4 line input & 1 line output
Alarm	Sensor Input		4 channel (NC/NO selectable)
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure
Recording	Compression		H.264
	Resolution	1080p TVI	60fps
		960H Analog	120fps
Storage	USB Port		1 front, 1 rear
Network	Interface		10/100Base-T
	Streaming		CIF 15fps / channel max.
Network Access			SecureGuard® , SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer

*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended.

Model	HT / WHT		HS / WHS		VT / WVT	
MONITORING						
Video Inputs	8 ch: up to 8 HD-TVI / Analog / IP 16 ch: up to 16 HD-TVI / Analog / IP		8 ch: up to 8 BNC 16 ch: up to 16 BNC	8 ch: up to 8 IP 16 ch: up to 16 IP	4 / 8 / 16 BNC	
Video Outputs	1 HDMI®, 1 CVBS / Spot, 1 VGA		1 HDMI®, 1 CVBS, 1 Spot, 1 VGA		1 HDMI®, 1 VGA, 1 CVBS/Spot	
Display Resolution	1920x1080, 1280x720, 1600x1200		1920x1080, 1280x720		1920x1080, 1280x720	
RECORD & PLAYBACK						
Compression	H.264 (baseline, main, high profile)		H.264 (baseline, main, high profile)		H.264	
Recording Rate	8 ch: 240fps @ 1080p / 5MP 16 ch: 480fps @ 1080p / 5MP		8 ch: 240fps @ 960H / D1 / CIF 16 ch: 480fps @ 960H / D1 / CIF	8 ch: 5MP on ch. 1 only 8 ch: 240fps @ 720p / 1080p 16 ch: 5MP on ch. 1 only 16 ch: 480fps @ 720p / 1080p	4 ch: 60fps @ 1080p 8 ch: 120fps @ 1080p 16 ch: 240fps @ 1080p	
Recording Mode	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor	
Search Mode	EZ Search, Date/Time, Event, Archive, Log, Smart Search, Instant Playback		EZ Search, Date/Time, Event, Archive, Log, Instant Playback		EZ Search, Timeline, Event, Archive, Log, Smart Search, Instant Playback	
SYSTEM						
Operating System	Embedded Linux		Embedded Linux		Embedded Linux	
Storage Capacity	3 HDD, 1 e-SATA	4TB	3 HDD, 1 e-SATA	4TB	2 HDD	4TB
Data Export	USB		USB		USB	
INTERFACE						
Audio In / Out	8 ch: 8 line input, 8 IP input / 1 line output 16 ch: 16 line input, 16 IP input / 1 line output		8 ch: 8 line input, 8 IP input / 1 line output 16 ch: 16 line input, 16 IP input / 1 line output		4 line input / 1 live output	
Alarm In / Out	4 local input, 8 ch: 8 software input from IP camera, 16 ch: 16 software input from IP camera / 1 output		4 local input / 8 ch: 8 input from IP camera, 1 output 16 ch: 16 input from IP camera, 1 output		4 channel (NC/NO selectable) / 1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure	
Serial Interface	RS-485 x1		RS-485 x1		RS-485 x1	
OPERATING SPECIFICATIONS						
Dimensions	Desktop: 15" (W) x 2.83" (H) x 13.4" (D) WHT / WHTM: 19.2" (W) x 16.2" (H) x 3.6" (D)		Desktop: 15" (W) x 2.83" (H) x 13.4" (D) WHS / WHSM: 13.5" (W) x 17" (H) x 3.5" (D)		Desktop: 13.4"(W) x 2.48" (H) x 10.31" (D) WVT / WVTM: 11.5" (W) x 15" (H) x 3.5" (D) WVTP / WVTPM: 13.5" (W) x 17" (H) x 3.5" (D)	
Unit Weight	Desktop: 12 lbs. Wall Mount: 15 lbs.		Desktop: 12 lbs. / Wall Mounts: 15 lbs.		Desktop: 3.3 lbs. WVT: 8.5 lbs. WVTM: 9 lbs. WVTP: 12 lbs. WVTPM: 12.3 lbs.	
Operating Temperature	41° F - 104° F		41° F - 104° F		41° F - 104° F	
Operating Humidity	20% - 80% RH		20% - 80% RH		20% - 80% RH	
Power Supply Voltage	12VDC, 5A		12VDC, 5A		4 ch: 12VDC, 3A / 8 ch & 16 ch: 12VDC, 5A	
HYBRID						
Max. IP Channels	16 IP Channels		16 IP Channels		-	
MP Camera Support	Up to 5MP on all channels		Up to 2MP, 5MP on channel 1		-	

Model	NS / NSP / NSF/ WNS		NSL		N32NS
MONITORING					
Video Inputs	4 / 8 / 16 IP		4 / 8 IP		32 IP
Video Outputs	1 HDMI®, 1 CVBS, 1 VGA		1 HDMI®, 1 VGA		1 HDMI®, 1 CVBS, 1 VGA
Display Resolution	1920x1080, 1280x720		1920x1080, 1280x720		4K (3840x2160), 1920x1080
RECORD & PLAYBACK					
Compression	H.264 (baseline, main, high profile)		H.264		H.264 / H.265
Recording Rate	4 ch: 120fps @ 1920x1080 / 1280x720 8 ch: 240fps @ 1920x1080 / 1280x720 16 ch: 480fps @ 1920x1080 / 1280x720		4 ch: 120fps @ 1920x1080 / 1280x720 8 ch: 240fps @ 1920x1080 / 1280x720		All resolutions 30fps
Recording Mode	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor		Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor
Search Mode	EZ Search, Date/Time, Event, Archive, Log, Instant Playback		EZ Search, Date/Time, Event, Archive, Log		EZ Search, Timeline, Event, Archive, Log, Smart Search, Instant Playback
SYSTEM					
Operating System	Embedded Linux		Embedded Linux		Embedded Linux
Storage Capacity	NS: 3 HDD, 1 e-SATA NSP/NSF: 2 HDD, 1 e-SATA	4 ch: 3TB / 8ch & 16 ch: 4TB	1 HDD	4 ch: 1TB / 8ch: 2TB	3 HDD, 6TB, 1 e-SATA
Data Export	USB (HDD, Flash Drive), Network		USB (HDD, Flash Drive), Network		USB
INTERFACE					
Audio In / Out	4 ch: 4 line input, 4 IP input / 1 line output 8 ch: 8 line input, 8 IP input / 1 line output 16 ch: 16 line input, 16 IP input / 1 line output		4 ch: 4 IP input / 1 line output 8 ch: 8 IP input / 1 line output		16 line input, 32 IP line input 1 line output, 32 IP line output
Alarm In / Out	(NC/NO Selectable) 4 ch: 4 local, 4 IP 8 ch: 4 local, 8 IP 16 ch: 4 local, 16 IP / 1 output		4 ch: 4 software input from IP camera 6 ch: 8 software input from IP camera		4 local input, 32 IP
Serial Interface	RS-485 x1		N/A		RS-485 x1
OPERATING SPECIFICATIONS					
Dimensions	Desktop: 15" (W) x 2.83" (H) x 13.4" (D) Wall Mounts: 13.5" (W) x 17" (H) x 3.5" (D)		11.8" (W) x 2" (H) x 8.2" (D)		15" (W) x 2.83" (H) x 13.4" (D)
Unit Weight	Desktop / WNSP / WNSPM: 12 lbs. WNS / WNSM: 10 lbs.		4 lbs.		12 lbs.
Operating Temperature	41° F – 104° F		41° F – 104° F		41° F – 104° F
Operating Humidity	20% - 80% RH		20% - 80% RH		20% - 80% RH
Power Supply Voltage	4 ch: 12VDC, 5A / 48VDC, 1A 8 ch & 16 ch: 12VDC, 5A / 48VDC, 2A		4 ch: 48VDC, 1.2A 8 ch: 48VDC, 2A		12VDC, 6A
HYBRID					
Max. IP Channels	-		-		-
MP Camera Support	-		-		Ch. 1 - 4 ➤ up to 4K Ch. 1 - 12 ➤ 5MP Ch. 1 - 32 ➤ 3MP

HTFD4T

2.8-12mm auto iris varifocal motorized lens, dark grey housing

Flexible Intensifier® Technology HD-TVI 1080p Dome Camera

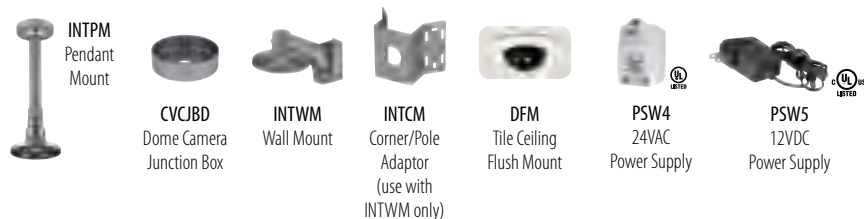


- Fits any lighting application – color in low light, monochrome without IR in low light and monochrome with IR in almost complete darkness
- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps over coax
- 2 Adaptive IR LEDs
- IR RANGE: 50' (depending on scene reflection)
- Motorized lens with auto focus
- Wide dynamic range (WDR) operation
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Additional analog output for 960H
- Chameleon Cover™: snaps on and can be painted to match any décor!*
- Vandal / tamper resistant
- Signal distance up to 1600 feet**
- Full OSD operation through on-board control and UTC (up the coax)
- 12VDC & 24VAC dual voltage operation
- IP66 compliant
- 5 year warranty



Shown with included paintable, snap-on *Chameleon Cover™

Optional Accessories



HTFB3T

2.8-12mm auto iris varifocal motorized lens, dark grey housing

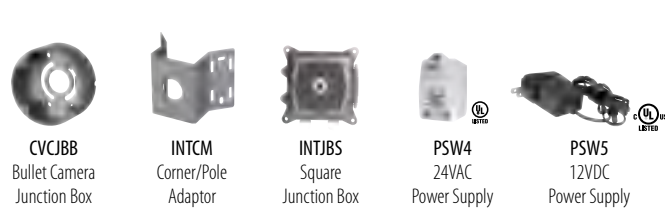
Flexible Intensifier® Technology HD-TVI 1080p Bullet Camera



- Fits any lighting application – color in low light, monochrome without IR in low light and monochrome with IR in almost complete darkness
- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps over coax
- 4 Adaptive IR LEDs
- IR RANGE: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Wide dynamic range (WDR) operation
- Additional analog output for 960H
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Vandal / tamper resistant
- Signal distance up to 1600 feet**
- Full OSD operation through on-board control and UTC (up the coax)
- 12VDC & 24VAC dual voltage operation
- IP66 compliant
- 5 year warranty



Optional Accessories



HT7248TM

2.8-10mm auto iris varifocal motorized lens, dark grey housing

Intensifier® T Motorized Zoom Focus HD-TVI 1080p 2MP Dome Camera

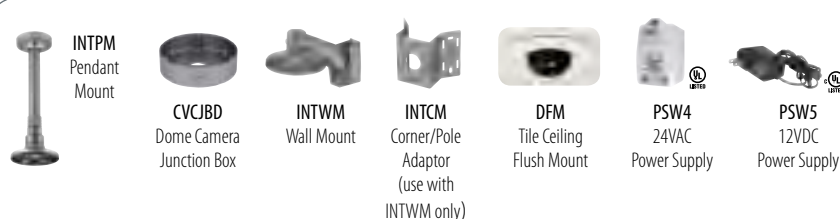


- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Chameleon Cover™: snaps on and can be painted to match any décor!*
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Zoom/Focus control via coax (TVI)
- RS-485 (additional Zoom/Focus/OSD control)
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Shown with included paintable, snap-on Chameleon Cover™

Optional Accessories



HT7246T

2.8-12mm auto iris varifocal lens, dark grey housing

Intensifier® T HD-TVI 1080p 2MP Dome Cameras

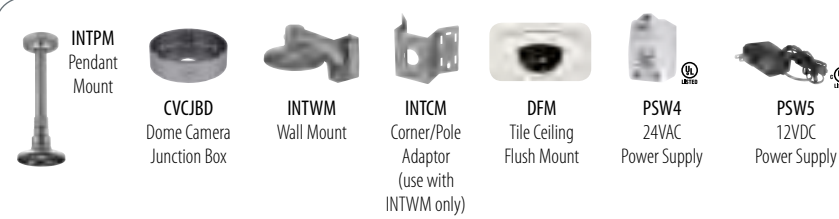


- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Additional analog output for 960H
- 3-axis for wall and ceiling mounting



Shown with included paintable, snap-on Chameleon Cover™

Optional Accessories



- Chameleon Cover™: snaps on and can be painted to match any décor!*
- Full OSD operation through on-board control and UTC (up the coax)
- Signal distance up to 1600 feet**
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty

*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. **To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. **To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

HTINT591T

3.6mm fixed lens, dark grey housing

Intensifier® T HD-TVI 1080p 2MP Dome Camera

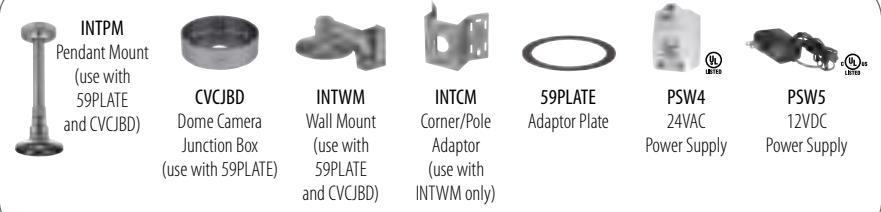


- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Additional analog output for 960H
- 3-axis for wall and ceiling mounting
- Chameleon Cover™: snaps on and can be painted to match any décor!*
- Full OSD operation through on-board control and UTC (up the coax)
- Signal distance up to 1600 feet**
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Shown with included paintable, snap-on Chameleon Cover™

Optional Accessories



HTINT601T

3.6mm fixed lens, dark grey housing

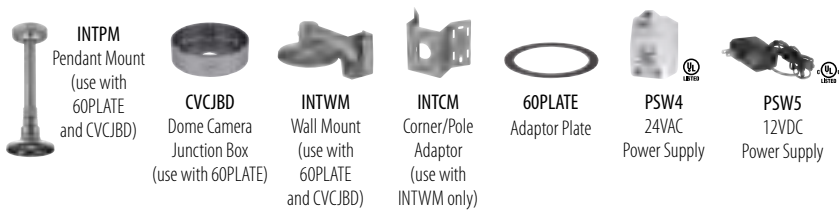
Intensifier® T HD-TVI 1080p 2MP Turret Camera



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet**
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Optional Accessories



HTINT70T

2.8-12mm auto iris varifocal lens, dark grey housing

HTINT701T

3.6mm fixed lens, dark grey housing

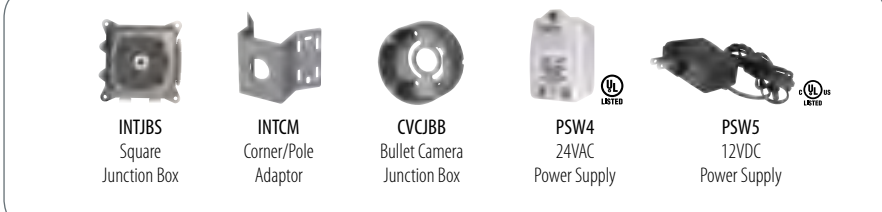
Intensifier® T HD-TVI 1080p 2MP Bullet Cameras



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet**
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Optional Accessories



CVC6246T

2.8-12mm auto iris varifocal lens, black housing

CVC6246TW

2.8-12mm auto iris varifocal lens, white housing

Intensifier® T HD-TVI 1080p 2MP Indoor Dome Cameras



- Full HD resolution over coax (HD-TVI)
- Amplify existing light with no distance limitations
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Outdoor, Indoor, Elevator, Lobby, Hallway & Dark
- 12VDC / 24VAC dual voltage operation
- Full OSD operation via UTC
- 3-axis wall or ceiling mount
- Signal distance up to 1600 feet*
- Additional analog output for 960H
- 5 year warranty



Optional Accessories



*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. **To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

**To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

HT5940T

2.8-12mm auto iris varifocal lens,
dark grey housing

HT5941T

3.6mm fixed lens, dark grey housing

VLD2TW

3.6mm fixed lens, white housing

HT6041T

3.6mm fixed lens, dark grey housing

HT71TG

2.9mm fixed lens, dark grey housing

HT71TW

2.9mm fixed lens, white housing

HD-TVI Intense IR 1080p 2MP Dome Cameras

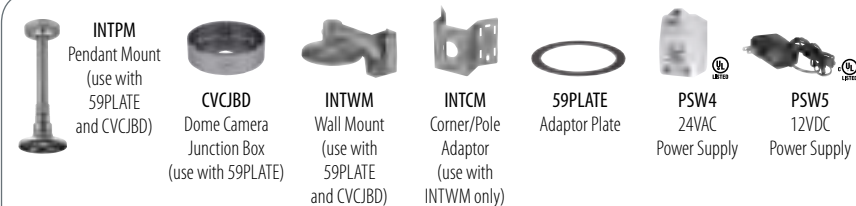


- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Intense IR function — no saturation, IR intensity adapts to subject to provide vivid image
- True day/night operation — mechanical IR cut filter
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting

- Chameleon Cover™: snaps on and can be painted to match any décor!*
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Optional Accessories



HD-TVI 1080p IR Dome Camera



- Full HD resolution over coax (HD-TVI)
- 24 built-in IR LEDs
- Supports up to Full HD 1080p @ 30 fps
- 3-axis for wall and ceiling mount
- Adaptor plate for optional accessories included
- Additional analog output for 960H
- 12VDC operation (power supply not included)
- Signal distance up to 1600 feet*
- IP66 compliant
- 2 year warranty



Optional Accessories



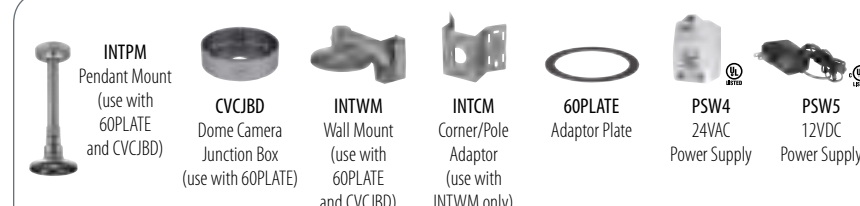
HD-TVI Intense IR 1080p 2MP Turret Camera



- Full HD resolution over coax (HD-TVI)
- 28 built-in IR LEDs
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Intense IR function — no saturation, IR intensity adapts to subject to provide vivid image
- True day/night operation — mechanical IR cut filter
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Optional Accessories



HD-TVI 1080p Color Mini-Turret Camera



- Full HD resolution over coax (HD-TVI)
- Compact size – only 2.36" in diameter!
- 12 IR LEDs
- Weather / Vandal resistant operation
- Cast aluminum construction
- Additional analog output for 960H
- Signal distance up to 1600 feet*
- Full OSD operation via UTC
- IP66 compliant
- 12VDC required
- 5 year warranty



Optional Accessory



*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. **To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

HT7040T

2.8-12mm auto iris varifocal lens,
dark grey housing

HT7041T

3.6mm fixed lens, dark grey housing

HD-TVI Intense IR 1080p 2MP Bullet Cameras



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Intense IR function — no saturation, IR intensity adapts to subject to provide vivid image
- True day/night operation — mechanical IR cut filter
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Optional Accessories



VLB2TW

3.6mm fixed lens, white housing

HD-TVI 1080p IR Bullet Camera



- Full HD resolution over coax (HD-TVI)
- 28 built-in IR LEDs
- Supports up to Full HD 1080p @ 30 fps
- 3-axis for wall and ceiling mount
- Adaptor plate for optional accessories included
- Additional analog output for 960H
- 12VDC operation (power supply not included)
- Signal distance up to 1600 feet*
- IP66 compliant
- 2 year warranty



Optional Accessories



HLPR67T

5-50mm motorized auto iris varifocal lens (10x auto focus/zoom), white housing

HD-TVI Weather Resistant Long Range License Plate Capture Bullet Camera



- High-contrast imaging performance that delivers sharp, clear license-plate captures
- Full HD 1080p over coax (HD-TVI)
- 15 super high powered IR LEDs
- Captures license plates up to 40 mph
- IR Range: 165 ft. (depending on scene reflection)
- True Wide Dynamic Range operation (WDR)
- Additional analog output for 960H
- Supports full UTC control over coax for Zoom/Focus and camera's OSD
- Weather resistant operation
- IP66 compliant
- 5 year warranty



Optional Accessories



HTPTZ20T

4.7-94mm 20x optical zoom lens, white housing

HD-TVI Full 1080p PTZ Camera



- Full HD 1080p @ 30fps (HD-TVI)
- 20x auto focus zoom lens
- True WDR (wide dynamic range) function
- True Day/Night function
- 240 preset positions
- 4 Alarm Inputs / 2 Alarm Outputs
- 16x digital zoom
- Max 380°/sec speed
- Additional analog output for 960H
- Full OSD control via UTC (pan, tilt, and zoom)
- IP66 compliant
- 2 year warranty



Optional Accessories



*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

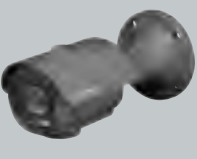
HD-TVI Camera Comparison Chart



Category	Flexible Intensifier®	Intensifier®	Intensifier®	Intensifier®	Intensifier®
Model	HTFD4T	HT7248TM	HT7246T/ HT7250T	HTINT591T	CVC6246T / CVC6246TW
Product Image					
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Indoor
IP Rating	IP67	IP67	IP67	IP67	-
Lens	2.8-12mm	2.8-10mm motorized	HT7246T: 2.8-12mm HT7250T: 5-50mm	3.6mm fixed	2.8-12mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	0.001 lux
Compensation	WDR	WDR	WDR	WDR	WDR
UTC Protocol	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Day/Night	IR cut filter	-	-	-	-
IR Range (depending on scene reflection)	50 ft.	-	-	-	-
Number of IRs	2	-	-	-	-
Heaters	Yes	Yes	Yes	Yes	No
Alarm Connection	Yes	No	Yes	Yes	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 150mA / 24VAC, 195mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F
Additional Features	Smart IR, Chameleon Cover™	Chameleon Cover™	Chameleon Cover™	Chameleon Cover™	Signal distance up to 1600ft.

HD-TVI Camera Comparison Chart



Category	Intensifier®	Flexible Intensifier®	Intensifier®	IR	IR
Model	HTINT601T	HTFB3T	HTINT70T / HTINT701T	HT5940T	HT5941T
Product Image					
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP67	IP67	IP67	IP67	IP67
Lens	3.6mm fixed	2.8-12mm	HTINT70T: 2.8-12mm HINT701T: 3.6mm fixed	2.8-12mm	3.6mm fixed
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux
Compensation	WDR	WDR	WDR	WDR	WDR
UTC Protocol	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Day/Night	-	IR cut filter	-	IR cut filter	IR cut filter
IR Range (depending on scene reflection)	-	98 ft.	-	66 ft.	66 ft.
Number of IRs	-	4	-	18	18
Heaters	Yes	Yes	Yes	Yes	Yes
Alarm Connection	Yes	Yes	Yes	No	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 500mA / 24VAC, 195mA	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F
Additional Features	-	Smart IR	-	Smart IR, Chameleon Cover™	Smart IR, Chameleon Cover™

HD–TVI Camera Comparison Chart



Category	IR	IR	IR	IR
Model	VLD2TW	HT6041T	HT71TG / HT71TW	HT7040T
Product Image				
Environment	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP66	IP67	IP66	IP67
Lens	3.6mm fixed	3.6mm fixed	2.9mm fixed	2.8-12mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps
Minimum Illumination	BW: 0 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux	0.00 lux (IR LEDs on)	F1.2, Color: 0.05 lux, BW: 0.001 lux
Compensation	DNR	WDR	DNR	WDR
UTC Protocol	-	Pelco-C	Pelco-C	Pelco-C
Day/Night	IR cut filter	IR cut filter	Yes	IR cut filter
IR Range (depending on scene reflection)	32 ft.	80 ft.	35 ft.	98 ft.
Number of IRs	24	28	12	35
Heaters	No	Yes	No	Yes
Alarm Connection	No	No	No	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 400mA	12VDC, 580mA / 24VAC, 218mA	100mA (IR off), 200mA (IR on)	12VDC, 720mA / 24VAC, 260mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	14°F - 120°F	-4°F - 140°F
Additional Features	-	Smart IR	-	Smart IR

HD–TVI Camera Comparison Chart



Category	IR	IR	LPR	PTZ
Model	HT7041T	VLB2TW	HLPR67T	HTPTZ20T
Product Image				
Environment	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP67	IP66	IP66	IP66
Lens	3.6mm fixed	3.6mm fixed	5-50mm motorized	4.7-94mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS Sensor	1/2.8" CMOS Sensor
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.05 lux, BW: 0.001 lux	BW: 0 lux	0 lux (IR LEDs on)	Color: 0.35 lux BW: 0.013 lux
Compensation	WDR	DNR	WDR	WDR
UTC Protocol	Pelco-C	-	Pelco-C	Pelco-C / Speco-C
Day/Night	IR cut filter	IR cut filter	Yes	Yes
IR Range (depending on scene reflection)	98 ft.	60 ft.	165 ft.	-
Number of IRs	35	28	15	-
Heaters	Yes	No	No	No
Alarm Connection	No	No	No	4 Input, 2 Output
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 720mA / 24VAC, 260mA	12VDC, 400mA	260mA (IR on: 560mA)	1A @ 12VDC, 24VAC
Operating Temperature	-4°F - 140°F	-4°F - 140°F	14°F - 120°F	14°F - 120°F
Additional Features	Smart IR	-	High-contrast imaging performance	20x optical zoom lens

HD Video Transceiver



TVIUTP

- Send HD-TVI signal up to 656’ (200M) over UTP cable
- BNC male to screw terminal for easy connection
- Compact size allows mounting of multiple units behind multiplexers, Quads, DVRs, etc.
- Passive, no power required
- Ideal for retrofits using existing UTP cable
- Built in ESD, EFT (impulse noise), lightning (surge) and transient protection
- Sold individually but used in pairs. Could be used in conjunction with another TVIUTP, or with the pigtail model TVIUTPPT

HD Video Transceiver with Pigtail (Balun)



TVIUTPPT

- Send HD-TVI signal up to 656’ (200M) over UTP cable
- BNC male to screw terminal with 4” (10cm) mini coax cable for easy connection
- Compact size allows mounting of multiple units behind multiplexers, Quads, DVRs, etc.
- Passive, no power required
- Ideal for retrofits using existing UTP cable
- Built in ESD, EFT (impulse noise), lightning (surge) and transient protection
- Sold individually but used in pairs. Could be used in conjunction with another TVIUTPPT, or with the non-pigtail model TVIUTP



M19LED 19” LED monitor
M215LED 21.5” LED monitor

- Flat-panel LED - backlit LCD
- HDMI, VGA (D-Sub 15 pins) and BNC video inputs
- 1920(H) x 1080(V) HD 1080p resolution
- Built-in speakers
- Convenient front controls for screen programming
- Input signal detection provides easy connection
- 290cd/m2 brightness
- 16:9 display ratio
- 500:1 contrast ratio
- Displays up to 16.7 million colors
- Regulated 12VDC 5.0 amp (UL & CSA listed power supply included)
- VESA compatible
- 1 year warranty

Optional Accessories



LCDVLW2
10” Extension Arm

Models	M19LED	M215LED
Composite Output	BNC 1	
Composite Input	BNC 1	
Single Connector	VGA x 1, RCA x 2, PC Audio x 1, HDMI x 1	
Speaker	1W+1W	
Display Mode	VGA / BNC / PC / HDMI	
AC Power	AC 100 - 240V 50/60Hz	
Operating Temperature	14° F - 122° F	
Storage Temperature	-4° F - 140° F	
Power Consumption	20W	25W
OSD Control	HDMI, VGA, Audio, PIP, System	
OSD Languages	English	
Auto Adjustment	Yes	
De-interlace	Yes	
Wall Mount	Optional	
Accessories	Remote, Adaptor, Power Cord, Manual, VGA cable, PC Audio Cable	
Safety	FCC, CE, RoHS	
Tilt	10° - 15°	
Humidity	20% - 85%	
Monitor Scan	Microprocessor controlled	
Pixel Pitch	0.24825 (H) x 0.24825 (V)	
Pixel Format	1920 x 1080	
Response Time	5ms	
Color Depth	16.7 million colors	
Viewing Angle	Left 85° / Right 85° / Up 80° / Down 80° CR > 10	
Display Area	16.13” (H) x 9.07” (V)	18.41” (H) x 10.56” (W)
Dimensions	17.44” (W) x 13.70” (H) x 2.17” (D)	20.31” (W) x 16.20” (H) x 2.38” (D)
Weight	6.17 lbs.	7.94 lbs.

Standard HDMI Cables

These cables are perfect for most basic HDMI needs such as connecting a monitor to a DVR.

HDVL3	3'	HDVL10	10'
HDVL6	6'	HDVL15	15'



Class 2 HDMI Cables

These cables are certified Class 2 (CL2), meaning they are safe for in-wall use.

HDCL6	6'	HDCL25	25'
HDCL10	10'	HDCL50	50'
HDCL15	15'		



Flat HDMI Cables

These flat-designed HDMI cables are great for when you need to squeeze a cable through a cabinet door or other tight spot.

HDFL3	3'	HDFL10	10'	HDFL15	15'
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HDMI to HDMI Adaptors

These adaptors are used to couple HDMI cables together.

HDF2FCP

Female to female HDMI adaptor



2-Cable HDMI Extender

HDXTNDR

- Extends an HDMI signal up to 100' using two Cat5e or Cat6 cables
- Supports resolutions up to and including 1080p or 1920x1080 on pass through



4 to 2 HDMI Matrix

HD4MAT

- Supports 3D HDMI signals
- Supports resolutions up to and including 1080p
- Supports DTS/Dolby/DTS-HD/Dolby True HD/LPCM7.1/AC3
- Supports HDCP 1.2
- Supports simultaneous digital audio output: Stereo, Toslink and Coax
- Includes IR remote control



HDMI Splitter

HD2SPL HDMI 1 to 2 splitter

HD4SPL HDMI 1 to 4 splitter

- Takes a single HDMI source and divides it into 2 (HD2SPL) or 4 (HD4SPL) monitors or televisions
- Supports 3D HDMI signals
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA, and 480i to 1080p
- Supports DTS/Dolby/DTS-HD/Dolby True HD/LPCM7.1/AC3
- Supports HDCP 1.2



5 to 1 HDMI Switch

Switches are used when you have multiple HDMI sources, such as DVRs, and only have one monitor to view them on.

HD5SWT

- Allows one HDMI display to rotate between 5 HDMI devices
- Supports 3D HDMI signals
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA, and 480i to 1080p
- Supports DTS/Dolby/DTS-HD/Dolby True HD/LPCM7.1/AC3
- Includes IR remote control



Product INDEX

A

AP200M	26
AP300M	26
APRPT	26

C

CVC6246T	59, 64
CVC6246TW	59, 64

D

D1BD	25, 33
D4VT	42
D4WVT	42
D4WVTM	42
D4WVTP	42
D4WVTPM	42
D8HS	48
D8HT	40
D8VT	42
D8WHS	48
D8WHSM	48
D8WHT	40
D8WHTM	40
D8WVT	42
D8WVTM	42
D8WVTP	42
D8WVTPM	42
D16HS	48
D16HT	40
D16VT	42
D16WHS	48
D16WHSM	48
D16WHT	40
D16WHTM	40
D16WVT	42
D16WVTM	42

E

EPCOAX	26
--------	----

H

HD2SPL	70
HD4MAT	70
HD4SPL	70
HD5SWT	70
HDCL6	70
HDCL10	70
HDCL15	70
HDCL25	70
HDCL50	70
HDF2FCP	70
HDFL3	70
HDFL10	70
HDFL15	70
HDVL3	70
HDVL6	70
HDVL10	70
HDVL15	70
HDXTNDR	70

N

N4NSL	46
N4NSP	44
N4WNS	44
N4WNSM	44
N4WNSP	44
N4WNSPM	44
N8NSL	46
N8NSP	44
N8WNS	44
N8WNSM	44
N8WNSP	44
N16NS	44
N16NSF	44
N16NSP	44
N16WNS	44
N16WNSM	44
N16WNSP	44
N16WNSPM	44
N32NS	39

O

O2B6	19, 31
O2B8M	19, 31

HTINT591T	58, 64
HTINT601T	58, 65
HTINT701T	59, 65
HTPTZ20T	63, 67

I

IPPOERPT	26
----------	----

M

M19LED	69
M215LED	69

N

N4NSL	46
N4NSP	44
N4WNS	44
N4WNSM	44
N4WNSP	44
N4WNSPM	44
N8NSL	46
N8NSP	44
N8WNS	44
N8WNSM	44
N8WNSP	44
N16NS	44
N16NSF	44
N16NSP	44
N16WNS	44
N16WNSM	44
N16WNSP	44
N16WNSPM	44
N32NS	39

O2B16	18, 31
O2C1	11, 29
O2CP2	11, 29
O2D5M	16, 30
O2D7M	15, 30
O2D11M	12, 30
O2D60M	17, 30
O2DP9	18, 31
O2FB3M	13, 29
O2FD4M	12, 29
O2I562	24, 33
O2i605CM	24, 32
O2i607CM	24, 33
O2i675	24, 33
O2i695	24, 33
O2iB3M	14, 29
O2iB6	15, 30
O2iBD2	24, 32
O2iD4M	13, 29
O2iMD1	14, 29
O2iMD1W	14, 29
O2iMT61	24, 32
O2iTC23	24, 33
O2MB1	23, 32
O2MB1W	23, 32
O2MD2	16, 30
O2MD2W	16, 30
O2MT61B	23, 32
O2P10X	20, 31
O2P30X	21, 31
O2T6	21, 32
O3VLB3	20, 31
O3VLD1	17, 30
O4B2M	10, 28
O4D2M	10, 28
O5B3M	9, 28
O5D4M	9, 28

O5MDP1	22, 32
O5MDP1W	22, 32
O8B3M	8, 28
O8D4M	8, 28
OS102	25, 33

P

POE4SW5	26
POE8SW9	26
POE16SW18	26
POEINJ	26
POESPL	26

S

SecureGuard® for Apple TV	38
SecureGuard® Mobile	36
SecureGuard® Streamer	37
SecureGuard® VMS	34
SG115	35
SG315	35
SG515 (2U)	35
SG515 (4U)	35
SPPOE	26

T

TVIUTP	68
TVIUTPPT	68

V

VLB2TW	62, 67
VLD2TW	60, 66

W

WIFIMOD	26
---------	----

Z

ZIPL4B1	50
ZIPL4D1	50
ZIPL8BD2	50
ZIPL84B2	50
ZIPL84D2	50
ZIPL88B2	50
ZIPL88D2	50
ZIPT4B1	51
ZIPT4D1	51
ZIPT8BD2	51
ZIPT84B2	51
ZIPT84D2	51
ZIPT88B2	51
ZIPT88D2	51
ZIPT471	53
ZIPTW4B1	52
ZIPTW4D1	52
ZIPTWP471	53

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Flexible **Intensifier**® Technology

Intensifier® Technology

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HD Monitor / Accessories

