

Analog Camera Comparison Charts

BULLETS

Intensifier® K

1,000 TV Lines

Intensifier H®

960H

IR



DOMES

Intensifier® K

1,000 TV Lines

Intensifier H®

960H

IR



SPECIALTY

Intensifier® K

1,000 TV Lines

960H

IR



Analog Dome Comparison Chart

Category	Intensifier® K	Intensifier® K	1000 TV Lines, IR	1000 TV Lines, IR	1000 TV Lines, IR	1000 TV Lines, IR
Model	HTINT59K	HTINT60K	HT5940K	HT6040K	HT649K	VL644K
Product Image						
Resolution	1000 TV Lines	1000 TV Lines	1000 TV Lines	1000 TV Lines	1000 TV Lines	1000 TV Lines
Lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens	3.6mm fixed lens
Image Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" Super High Resolution Image Sensor
Minimum Illumination	0.0001 lux	0.0001 lux	0 lux (IR LEDs on)	0 lux (IR LEDs on)	0.01 lux @ F1.2 (IR LED on)	0.001 lux @ F=1.2
Effective Pixels	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	1280 (H) x 960 (V)
Total Pixels	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	-
WDR	Yes	Yes	Yes	Yes	-	-
Number of IR LEDs	-	-	18	21	28	-
IR Range (depending on scene reflection)	-	-	66 ft.	80 ft.	164 ft.	-
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC
Power Consumption	12VDC, 590mA / 24VAC, 230mA	12VDC, 570mA / 24VAC, 220mA	12VDC, 450mA / 24VAC, 190mA	12VDC, 450mA / 24VAC, 190mA	12VDC, 500mA / 24VAC, 250mA	90mA
Operating Temperature	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F
Dimensions	4.72" (Dia.) x 3.35" (H)	3.80" (Dia.) x 4.65" (H)	4.72" (Dia.) x 3.35" (H)	3.80" (Dia.) x 4.65" (H)	3.94" (H) x 5.12" (Dia.)	4.7" (H) x 3.5" (Dia.)
Weight	2.2 lbs.	4.4 lbs.	2.2 lbs.	1.99 lbs.	1.32 lbs.	10.5 oz.
Additional Features	Chameleon Cover™, 3-axis, Vandal Resistant	3-axis, Vandal Resistant	Chameleon Cover™, 3-axis, Vandal/Tamper Resistant	3-axis, Vandal/Tamper Resistant	Chameleon Cover™, 3-axis, Full OSD	Compact Size, 360° Rotation & Pan/Tilt

Analog Dome Comparison Chart

Category	Intensifier H ⁺	Intensifier H ⁺	Intensifier H ⁺	Intensifier H ⁺	Intensifier H ⁺	Intensifier H ⁺
Model	HINT13H	HINTMD1H	HT7246H	HTINTD8H HTINTD8HW	HINT71HG HINT71HW	HINT72HG HINT72HW
Product Image						
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines
Lens	3.6mm fixed lens	3.6mm fixed lens	2.8-12mm lens	2.8-12mm lens	2.9mm fixed lens	3.6mm fixed lens
Image Sensor	1/3" Super HAD™ CCD	1/3" Color 960H CCD	1/3" 960H ExView™ HAD CCD II	1/3" 960H ExView™ HAD CCD II	1/3" Color 960H CCD	1/3" Color 960H CCD
Minimum Illumination	CDS Off: 0.15 lux CDS On: 0.00002 lux	CDS Off: 0.15 lux CDS On: 0.00002 lux	CDS Off: 0.15 lux CDS On: 0.00002 lux	0.00002 lux	CDS Off: 0.15 lux CDS On: 0.00002 lux	CDS Off: 0.15 lux CDS On: 0.00002 lux
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)
WDR	-	-	-	-	-	-
Number of IR LEDs	-	-	-	-	-	-
IR Range (depending on scene reflection)	-	-	-	-	-	-
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC	12VDC
Power Consumption	12VDC, 130mA / 24VAC, 75mA	2.2W max.	12VDC, 380mA / 24VAC, 170mA	12VDC, 400mA / 24VAC, 170mA	150mA	150mA
Operating Temperature	-20° F - 122° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 122° F	-4° F - 122° F
Dimensions	3.07" (H) x 4.33" (Dia.)	2.17" (H) x 4.8" (Dia.)	3.46" (H) x 5.1" (Dia.)	4.36" (H) x 5.47" (Dia.)	1.58" (Dia.) x 1.49" (H) x 2.09" (L)	1.58" (Dia.) x 1.49" (H) x 2.09" (L)
Weight	1.54 lbs..	12 oz.	1 lb.	3.08 lbs.	4 oz.	4 oz.
Additional Features	Chameleon Cover™, 3-axis, Full OSD, Weather/Vandal/Tamper Resistant	3-axis, Full OSD	Chameleon Cover™, 3-axis, Full OSD, Weather/Vandal/Resistant	3-axis, Full OSD, Weather Resistant	Compact Size, Full OSD, Weather/Vandal Resistant	Compact Size, Full OSD, Weather/Vandal/Resistant

Analog Dome Comparison Chart

Category	960H, IR	960H, IR	960H, IR	960H, IR	960H, IR	960H, IR
Model	CLED32D1B CLED32D1W	CLED32D7B CLED32D7W	HTMD1H	WDRD10H	WDRD11H	HLED33D1B HLED33D1W
Product Image						
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines
Lens	2.8-12mm lens	3.6mm fixed lens	3.6mm fixed lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens
Image Sensor	1/3" Color 960H CCD	1/3" Color 960H CCD	1/3" Color 960H CCD	1/3" Super HAD™ CCD (dual scan)	1/3" Super HAD™ CCD (dual scan)	1/3" Color 960H CCD
Minimum Illumination	0 lux with IR on	0 lux with IR on	0 lux with IR on	0.000006 lux @ F1.2 / IR LED On	0.000006 lux	0 lux with IR on
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)
WDR	-	-	DWDR	Yes	Yes	DWDR
Number of IR LEDs	24	24	12	28	-	24
IR Range (depending on scene reflection)	65 ft.	65 ft.	30 ft.	98 ft.	-	65 ft.
Power Supply	12VDC	12VDC	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation
Power Consumption	250mA	250mA	4.2W max.	12VDC, 500mA / 24VAC, 250mA	12VDC, 500mA / 24VAC, 250mA	250mA
Operating Temperature	14° F - 122° F	14° F - 122° F	-4° F - 122° F	-4° F - 140° F	-4° F - 140° F	14° F - 122° F
Dimensions	3.4" (H) x 4.4" (Dia.)	3.4" (H) x 4.4" (Dia.)	2.17" (H) x 4.8" (Dia.)	3.94" (H) x 5.12" (Dia.)	3.94" (H) x 5.12" (Dia.)	3.4" (H) x 4.4" (Dia.)
Weight	8 oz.	8 oz.	12 oz.	1.98 lbs.	1.98 lbs.	8 oz.
Additional Features	3-axis	3-axis	3-axis, Full OSD	Chameleon Cover™, 3-axis, Full OSD, IP67 compliant	Chameleon Cover™, 3-axis, Full OSD, IP67 compliant	3-axis, Smart IR, Smart DNR, Full OSD, Indoor Housing

Analog Dome Comparison Chart

Category	960H, IR	960H, IR	960H, IR	960H, IR	960H, IR	960H, IR
Model	HLED33D7B HLED33D7W	HT648H	HT71HG HT71HW	HT72HG HT72HW	VLEDT1HG VLEDT1HW	VLEDT2HG VLEDT2HW
Product Image						
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines
Lens	3.6mm fixed lens	4mm fixed lens	2.9mm fixed lens	3.6mm fixed lens	2.8-12mm lens	3.6mm fixed lens
Image Sensor	1/3" Color 960H CCD	1/3" Color 960H CCD	1/3" color 960H CCD	1/3" color 960H CCD	1/3" 960H CCD	1/3" 960H CCD
Minimum Illumination	0 lux with IR on	0.01 lux @ F1.2 / IR LED On	0.00 lux (IR LED on)	0.00 lux (IR LED on)	0.01 lux, 0 lux with IR on	0.01 lux, 0 lux with IR on
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	-	-
WDR	DWDR	DWDR	-	-	-	-
Number of IR LEDs	24	28	10	10	36	36
IR Range (depending on scene reflection)	65 ft.	164 ft.	35 ft.	35 ft.	98 ft.	98 ft.
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC	12VDC	12VDC	12VDC
Power Consumption	250mA	12VDC, 500mA / 24VAC, 250mA	100mA (IR off) / 200mA (IR on)	100mA (IR off) / 200mA (IR on)	400mA (IR on)	400mA (IR on)
Operating Temperature	14° F - 122° F	-4° F - 140° F	14° F - 120° F	14° F - 120° F	14° F - 122° F	14° F - 122° F
Dimensions	3.4" (H) x 4.4" (Dia.)	3.94" (H) x 5.12" (Dia.)	1.49" (H) x 2.09" (L) x 1.58" (Dia.)	1.49" (H) x 2.09" (L) x 1.58" (Dia.)	4.25" (H) x 4.5" (Dia.)	4.25" (H) x 4.5" (Dia.)
Weight	8 oz.	1.32 lbs.	4 oz.	4 oz.	1.2 lbs.	1.2 lbs.
Additional Features	3-axis, Smart IR, Smart DNR, Full OSD, Indoor Housing	Chameleon Cover™, 3-axis, Full OSD, Indoor Housing	Compact Size, Weather/Vandal Resistant	Compact Size, Weather/Vandal Resistant	-	-

Analog Dome Comparison Chart

Category	960H, PTZ	960H, PTZ	960H, PTZ	960H, PTZ	960H	Intensifier 3®
Model	HTSD12XH	HTSD28XH	HTSD37XH	CPTZ32D5W	CDD11HW	HINT13D7G
Product Image						
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	650 TV Lines
Lens	3.6 - 44.3mm 12x optical zoom with 12x digital zoom lens	3.5-98mm lens, 28x optical zoom with 32x digital zoom	3.5-129.5mm lens, 37x optical zoom with 32x digital zoom	3.9 - 85.8mm lens	3.6mm fixed lens	3.6mm fixed lens
Image Sensor	1/4" Super-HAD II™ Double Scan CCD	1/4" Super HAD II™ (Double Scan) CCD	1/4" Super HAD II™ (Double Scan) CCD	1/4" Type Sony Super HAD II™ CCD	1/3" Sony Super HAD II™ CCD	1/3" Super HAD II™ CCD
Minimum Illumination	F1.6/wide; Color: 0.01 lux (DSS x255) / Night: 0.001 (DSS x255)	Color: 0.5 lux, BW: 0.2 lux	Color: 0.5 lux, BW: 0.2 lux	Color: 0.1 lux, BW & Slow Shutter: 0.00001 lux	Color: 0.1 lux, BW: 0.01 lux	Shutter: 0.03 lux Intensifier®3: 0.00002 lux
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	768 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	811 (H) x 508 (V)
WDR	Yes	Yes	Yes	Yes	-	-
Number of IR LEDs	-	-	-	-	-	-
IR Range (depending on scene reflection)	-	-	-	-	-	-
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC	12VDC / 24VAC dual voltage operation
Power Consumption	12VDC, 800mA / 24VAC, 400mA	12VDC, 1.8A / 24VAC, 1.8A	12VDC, 1.8A / 24VAC, 1.8A	12W for dome, 45W for heater and fan	200mA	12VDC, 130mA / 24VAC, 75mA
Operating Temperature	-14° F - 122° F	-22° F - 122° F	-22° F - 122° F	-22° F - 122° F	14° F - 122° F	-20° F - 122° F
Dimensions	6.6" (H) x 6.6" (Dia.)	4.7" (W) x 5.5" (H) x 11.8" (L) with wall mount	4.7" (W) x 5.5" (H) x 11.8" (L) with wall mount	8.07" (H) x 7.33" (Dia.)	2.52" (H) x 2.87" (Dia.)	3.07" (H) x 4.33" (Dia.)
Weight	3.3 lbs.	8 lbs.	8 lbs.	4.85 lbs.	4 oz.	1.54 lbs.
Additional Features	360° endless rotation, Vandal/Tamper Resistant	360° endless rotation, Built-in fan and heater	360° endless rotation, Built-in fan and heater		Stylish Housing, 3-axis, Full OSD, Indoor Housing	Chameleon Cover™, Full OSD, Weather/Vandal/Tamper Resistant

Analog Dome Comparison Chart

Category	Intensifier 3°	Intensifier 3°	Intensifier 3°	IR	IR	Analog
Model	HTINTD8W	HTINTD9W	HTINTD10W	CLED30D1W	CLED30D7W	CILT13D7G
Product Image						
Resolution	650 TV Lines	650 TV Lines	650 TV Lines	600 TV Lines	600 TV Lines	620 TV Lines
Lens	2.8-12mm lens	5-50mm lens	9-22mm lens	2.8-12mm lens	3.6mm fixed lens	3.6mm fixed lens
Image Sensor	1/3" Super HAD II™ CCD	1/3" Super HAD II™ CCD	1/3" Super HAD II™ CCD	1/3" Color CCD	1/3" Color CCD	1/3" Sony Super HAD II™ CCD
Minimum Illumination	0.00002 lux	0.00002 lux	0.00002 lux	0 lux with IR on, 0.01 lux with IR off	0 lux with IR on, 0.01 lux with IR off	0.00001 lux
Effective Pixels	768 (H) x 494 (V)	768 (H) x 494 (V)	768 (H) x 494 (V)	768 (H) x 494 (V)	768 (H) x 494 (V)	768 (H) x 494 (V)
Total Pixels	811 (H) x 508 (V)	811 (H) x 508 (V)	811 (H) x 508 (V)	-	-	811 (H) x 508 (V)
WDR	-	-	-	-	-	-
Number of IR LEDs	-	-	-	22	22	-
IR Range (depending on scene reflection)	-	-	-	65 ft.	65 ft.	-
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC	12VDC	12VDC / 24VAC dual voltage operation
Power Consumption	12VDC, 400mA / 24VAC, 170mA	12VDC, 400mA / 24VAC, 170mA	12VDC, 400mA / 24VAC, 170mA	250mA	250mA	12VDC, 150mA / 24VAC, 80mA
Operating Temperature	- 4° F – 140° F	- 4° F – 140° F	- 4° F – 140° F	14° F – 122° F	14° F – 122° F	- 4° F – 122° F
Dimensions	4.36" (H) x 5.47" (Dia.)	4.36" (H) x 5.47" (Dia.)	4.36" (H) x 5.47" (Dia.)	3.4" (H) x 4.4" (Dia.)	3.4" (H) x 4.4" (Dia.)	3.07" (H) x 4.33" (Dia.)
Weight	3.08 lbs.	3.08 lbs.	3.08 lbs.	8 oz.	8 oz.	1.54 lbs.
Additional Features	Full OSD, Weather Resistant	Full OSD, Weather Resistant	Full OSD, Weather Resistant	3-axis, Indoor Housing	3-axis, Indoor Housing	Chameleon Cover™, 3-axis, Full OSD, Weather/Vandal/Tamper Resistant

Analog Bullet Comparison Chart

Category	Intensifier® K	Intensifier® K	1000 TV Lines, IR	1000 TV Lines, IR	Intensifier H®	Intensifier H®
Model	HTINT70K	HTINTB8GK	HT7040K	VL7038K	HINT637H HINT637HW	HTINTB8H HTINTB8HW
Product Image						
Resolution	1000 TV Lines	1000 TV Lines	1000 TV Lines	1000 TV Lines	700 TV Lines	700 TV Lines
Lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens	3.6mm fixed lens	2.8-12mm lens
Image Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" 1.3MP Sensor	1/3" color 960H CCD	1/3" Super HAD™ CCD
Minimum Illumination	0.0001 lux	0 lux	0 lux (IR LEDs on)	0 lux (IR LEDs on)	0.01 lux, F1.2 (0.00002 lux, Intensify @ 512x)	CDS off: 0.15 lux CDS on: 0.00002 lux
Effective Pixels	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)
Total Pixels	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	1312 (H) x 1069 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)
WDR	Yes	-	Yes	-	DWDR	-
Number of IR LEDs	-	-	42	63	-	-
IR Range (depending on scene reflection)	-	-	98 ft.	164 ft.	-	-
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC	12VDC / 24VAC dual voltage operation
Power Consumption	12VDC, 590mA / 24VAC, 230mA	12VDC: 200mA (heater off) 400mA (heater on) 24VAC: 90mA (heater off) 150mA (heater on)	12VDC, 450mA / 24VAC, 190mA	12VDC, 200mA (CDS off) 700mA (CDS on) 24VAC, 150mA (CDS off) 450mA (CDS on)	12VDC, 150mA	12VDC, 400mA / 24VAC, 170mA
Operating Temperature	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 122° F	-4° F - 140° F
Dimensions	3.94" (W) x 3.94" (H) x 8.27" (L)	3.94" (W) x 3.94" (H) x 8.27" (L)	3.94" (W) x 3.94" (H) x 8.27" (L)	5.31" (W) x 3.74" (H) x 11.57" (L)	1.13" (Dia.) x 2.5" (L)	3.46" (W) x 4.01" (H) x 11.02" (L)
Weight	3.09 lbs.	3 lbs.	3.09 lbs.	4 lbs.	4 oz.	3 lbs.
Additional Features	3-axis, Vandal/Tamper Resistant	-40° with Gärrier heaters, 3-axis, Weather Resistant	3-axis, Vandal/Tamper Resistant	Weather Resistant	Compact and Lightweight, 3-axis, Weather Resistant	Full OSD, Weather Resistant, External Controls for Zoom and Focus

Analog Bullet Comparison Chart

Category	Intensifier H®	Intensifier H®, Traditional	960H, IR	960H, IR	960H, IR	960H, IR
Model	HTINTB9H HTINTB9HW	HTINTT5H	HT637H HT637HW	HT7042H	VLEDB1HG VLEDB1HW	VL62 VL62W
Product Image						
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines
Lens	5-50mm lens	Accepts C & CS auto iris & manual type lenses	3.6mm fixed lens	5-50mm lens	2.8-12mm lens	4mm fixed lens
Image Sensor	1/3" SuperHAD™ CCD	1/3" Sony Super HAD™ CCD	1/3" Color 960H CCD	1/3" Color 960H CCD	1/3" 960H CCD	1/3" Super HAD™ II 960H CCD
Minimum Illumination	CDS off: 0.15 lux CDS on: 0.00002 lux	CDS off: 0.15 lux CDS on: 0.00002 lux	0 lux (IR LEDs on)	0.01 lux @ F1.2 / IR LED On	0.01 lux, 0 lux with IR on	0 lux with IR on / 0.001 lux IR off
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	-	-
WDR	-	-	-	DWDR	-	-
Number of IR LEDs	-	-	10	42	36	12
IR Range (depending on scene reflection)	-	-	35 ft.	98 ft.	98 ft.	60 ft.
Power Supply	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC	12VDC / 24VAC dual voltage operation	12VDC	12VDC
Power Consumption	12VDC, 400mA / 24VAC, 170mA	12VDC, 150mA / 24VAC, 2W	200mA	12VDC, 700mA / 24VAC, 320mA	max. 80mA (IR off) / max. 400mA (IR on)	LED off (90mA) / LED on (160mA)
Operating Temperature	-4° F - 140° F	14° F - 122° F	14° F - 122° F	-4° F - 140° F	14° F - 122° F	-4° F - 122° F
Dimensions	3.46" (W) x 4.01" (H) x 11.02" (L)	2.5" (W) x 2.2" (H) x 3.46" (L)	1.27" (Dia.) x 2.5" (L)	3.94" (W) x 3.94" (H) x 8.27" (L)	3.8 (W) x 3.3 (H) x 9 (L)	4.37" (L) x 3.98" (H) x 2.46" (Dia.)
Weight	3 lbs.	1.5 lbs.	5 oz.	3.08 lbs.	1.2 lbs.	8.8 oz.
Additional Features	Full OSD, Weather Resistant, External Controls for Zoom and Focus	Full OSD, Relay Outputs for Motion Detection	Compact and Lightweight for Discreet Installations, Weather Resistant	Full OSD, 3-axis, IP67 Compliant	-	Weather Resistant, IP67 Compliant, with Sunshield

Analog Bullet Comparison Chart

Category	960H, IR	960H, IR	960H, IR	960H, IR LPR	960H, IR LPR	960H
Model	VL66 VL66W	VL66B2HG	WDRB10H	CLPR66H	CLPR67H	CVC620WPH
Product Image						
Resolution	700TV Lines	700TV Lines	700TV Lines	700TV Lines	700TV Lines	700TV Lines
Lens	2.8-12mm lens	3.6mm fixed lens	2.8-12mm lens	9-22mm F1.4 auto iris varifocal lens	5-50mm F1.4 auto iris varifocal lens	3.6mm fixed lens
Image Sensor	1/3" Super HAD™ II 960H CCD	1/3" 960H CCD	1/3" Super HAD™ CCD (dual scan)	1/3" 960H CCD	1/3" 960H CCD	1/3" color 960H CCD
Minimum Illumination	0 lux with IR on / 0.001 lux IR off	0.01 lux, 0 lux with IR on	0.000006 lux @ F1.2 / IR LED On	0 lux (with IR LEDs on)	0 lux (with IR LEDs on)	1.0 lux
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	976 (H) x 494 (V)
Total Pixels	-	-	1020 (H) x 508 (V)	-	-	1020 (H) x 508 (V)
WDR	-	-	Yes	-	-	-
Number of IR LEDs	18	36	42	8 super high	8 super high	-
IR Range (depending on scene reflection)	60 -90 ft.	98 ft.	98 ft.	6.6 - 49 ft.	16.3 - 98.3 ft.	-
Power Supply	12VDC / 24VAC dual voltage operation	12VDC	12VDC / 24VAC dual voltage operation	12VDC	12VDC	12VDC
Power Consumption	LED off: 120mA (12V), 90mA (24V) LED on: 280mA (12V), 220mA (24V)	max. 80mA (IR off) / max. 400mA (IR on)	12VDC, 700mA / 24VAC, 350mA	380mA	1500mA (with inner heater and fan)	80mA
Operating Temperature	- 4° F - 122° F	14° F - 122° F	-4° F - 140° F	- 22° F - 140° F	- 22° F - 140° F	-20° F - 120° F
Dimensions	7.6" (L) x 3.64" (H) x 2.87" (Dia.)	3.8 (W) x 3.3 (H) x 9 (L)	3.94" (W) x 3.94" (H) x 8.27" (L)	4.88" (W) x 7.8" (H) x 12.01" (L)	5.5" (Dia.) x 19.3" (L)	2.52" (L) x 1.34" (Dia.) x 3.5" (H)
Weight	15 oz.	1.2 lbs.	3.09 lbs.	4.2 lbs.	5.5 lbs.	10 oz.
Additional Features	Weather Resistant, IP67 Compliant, with Sunshield	-	Full OSD, 3-axis	Captures speeds up to 24mph	Captures speeds up to 110mph	Underwater Operation up to 60 ft. in depth

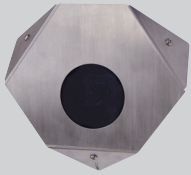
Analog Bullet Comparison Chart

Category	960H	960H	Intensifier®3	Analog	Analog
Model	CVC637H CVC637HW	WDRB11H	HTINTB9W	HT7048IRVF	HT7049IRVF
Product Image					
Resolution	700TV Lines	700TV Lines	700TV Lines	600TV Lines	600TV Lines
Lens	3.6mm fixed lens	2.8-12mm lens	2.8-12mm lens	2.8-12mm lens	6-50mm lens
Image Sensor	1/3" color 960H CCD	1/3" Super HAD™ CCD (dual scan)	1/3" Super HAD II™ CCD	1/3" Super-HAD II™ CCD	1/3" Super-HAD II™ CCD
Minimum Illumination	0.1 lux	0.000006 lux	CDS off: 0.15 lux CDS on: 0.00002 lux	IR LEDs off: 0.15 lux IR LEDs on: 0.00002 lux	IR LEDs off: 0.15 lux IR LEDs on: 0.00002 lux
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	768 (H) x 494 (V)	768 (H) x 494 (V)	768 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)	1020 (H) x 508 (V)	811 (H) x 508 (V)	811 (H) x 508 (V)	811 (H) x 508 (V)
WDR	-	Yes	-	-	-
Number of IR LEDs	-	-	-	98	30 super high
IR Range (depending on scene reflection)	-	-	-	131 ft.	164 ft.
Power Supply	12VDC	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation	12VDC / 24VAC dual voltage operation
Power Consumption	120mA	12VDC, 400mA / 24VAC, 170mA	12VDC, 400mA / 24VAC, 170mA	see spec sheet	see spec sheet
Operating Temperature	14° F - 122° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F	-4° F - 140° F
Dimensions	1.13" (Dia.) x 2.5" (L)	3.46" (W) x 4.01" (H) x 11.02" (L)	3.46" (W) x 4.01" (H) x 11.02" (L)	10.63" (W) x 6.7" (H) x 10.4" (L)	10.63" (W) x 6.7" (H) x 10.4" (L)
Weight	4 oz.	3 lbs.	3 lbs.	5.95 lbs.	5.95 lbs.
Additional Features	Compact and Lightweight for Discreet Installations	Full OSD, 3-axis	Full OSD, 3-axis, Weather Resistant	DNR Camera, Weather Resistant	DNR Camera, Weather Resistant

Analog Specialty Camera Comparison Chart

Category	Intensifier® K	1000 TV Lines	Intensifier H®	Intensifier H®	960H	960H
Model	HTINT40K	CVC521BCK	HINT600H	HINT600VH	CVC585RC	CVC605CM
Product Image						
Resolution	1000 TV Lines	1000 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines
Lens	3.6mm fixed lens	3.6mm fixed lens	2.9mm fixed lens	2.8-12mm lens	3.6mm wide angle lens	3.6mm lens
Image Sensor	1/3" 1.3MP Sensor	1/3" 1.3 Mega Exmor Sensor	1/3" color 960H CCD	1/3" color 960H CCD	1/3" Super HAD II™ color CCD	1/3" Super HAD II™ color CCD
Minimum Illumination	0.0001 lux	0.00001 lux	CDS Off: 0.1 lux CDS On: 0.00002 lux	CDS Off: 0.1 lux CDS On: 0.00002 lux	0.001 lux (sense-up on)	0.001 lux (sense-up on)
Effective Pixels	1305 (H) x 1049 (V)	1305 (H) x 1049 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)
Total Pixels	1312 (H) x 1069 (V)	-	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)	1020 (H) x 508 (V)
WDR	Yes	-	-	-	-	-
Number of IR LEDs	-	-	-	-	-	-
IR Range (depending on scene reflection)	-	-	-	-	-	-
Power Supply	12VDC	12VDC	12VDC	12VDC	12VDC	12VDC
Power Consumption	120mA	80mA	150mA	150mA	230mA	230mA (color) / 90mA (BW)
Operating Temperature	-4° F - 140° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F
Dimensions	1.34" (W) x 1.34" (H) x 1.18" (Dia.)	1.65" (W) x 1.65" (H)	1.6" (W) x 1.4" (H) x 2.5" (L)	1.6" (W) x 1.4" (H) x 3.5" (L)	1.5" (L) x 11" (W) x 11" (H)	9" (W) x 7" (H) x 4 (L)
Weight	10.56 oz.	3.5 oz.	5.5 oz.	6 oz.	1.5 lbs.	1.4 lbs.
Additional Features	Miniature Board Camera	Miniature Board Camera	Miniature Board Camera	Miniature Board Camera	Clock Camera	92° Corner Mount Camera

Analog Specialty Camera Comparison Chart

Category	960H	960H	960H	960H	960H	960H, PIR	Analog, IR
Model	CVC607CMT	CVC675	CVC695AM	VL562SD	WDR705H	VL572PIR	TC25VF
Product Image							
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	700 TV Lines	580 TV Lines
Lens	3.6mm lens	3.6mm lens	3.6mm wide angle lens, horizontal 72° / vertical 53°, color	3.7mm lens	4mm fixed lens	3.6mm pinhole lens, non-operating PIR	2.6-6mm lens
Image Sensor	1/3" Super HAD II™ CCD	1/3" Super HAD II™ color CCD	1/3" Super HAD II™ color CCD	1/3" Super HAD II™ color CCD	1/3" 960H HAD™ CCD (dual scan)	1/3" 960H CCD	1/3" double speed Super HAD II™ CCD
Minimum Illumination	0.001 lux (sense-up on)	0.001 lux (sense-up on)	0.001 lux (sense-up on)	0.001 lux (sense-up on)	0.000006 lux	1.0 lux	0 lux within a 10 ft. range, 0.03 lux beyond 10 ft.
Effective Pixels	976 (H) x 494 (V)	976 (H) x 494 (V)	976 (H) x 494 (V)	-	976 (H) x 494 (V)	-	-
Total Pixels	1020 (H) x 508 (V)	-	-	-	1028 (H) x 508 (V)	-	-
WDR	-	-	-	-	Yes	-	-
Number of IR LEDs	-	-	-	-	-	-	16
IR Range (depending on scene reflection)	-	-	-	-	-	-	-
Power Supply	12VDC	12VDC regulated	12VDC	12VDC regulated	12VDC	12VDC	12VDC / 24VAC auto sensing dual voltage operation
Power Consumption	230mA	110mA	210mA	230mA	160mA	120mA (non-operating PIR), 130mA (operating PIR)	12VDC, 230mA / 24VAC, 5.5W
Operating Temperature	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	-4° F - 140° F	14° F - 122° F	14° F - 122° F
Dimensions	5.1" (W) x 3.3" (H)	2.75" (W) x 4.25" (H) x 2.75" (L)	2.25" (W) x 2.75" (H) x 2.5" (L)	3.4" (Dia.) x 1.75" (H)	1.34" (W) x 1.34" (H) x 1.38" (L)	2" (L) x 2.75" (W) x 4.75" (H)	24" (H) x 4.7" (D)
Weight	1.5 lbs.	3.45 oz.	6.08 oz.	4.5 oz.	12.48 oz.	9 oz.	4.5 lbs.
Additional Features	90° Corner Mount Camera, Vandal Resistant	In-Wall Camera, Color or BW	Angle Mount Camera, Color	Discreet Ceiling Mount Camera	Indoor Color Board Camera	CCTV Operating PIR Housing	Color Facial Identification IR Tower Camera