

## ZipLink

### 5.8GHz Wireless Phone Line & Ethernet Extender



### Benefits

- Saves money by eliminating costly trenching
- Fast Installation
- Secure 256 bit AES encryption
- Can be used for temporary installs
- No permits or licenses required
- No need for surveys or right of way maps

### Applications

Fuel Tank Monitoring  
Utility Substations  
Point-of-Sale System/Credit Card  
Remote Site Access  
Truck Stops  
Construction Trailers  
Golf Courses  
Guard Booths  
Marinas/Boat Docks

### Communications Supported

POTS Line (1 or 2 phone line models)  
Fax  
Dial-up Modems  
10BaseT Ethernet  
Voice over Internet Protocol  
PBX Compatible

### Product Overview

Reduce your installation costs for remote sites securely and quickly with the ZipLink wireless Phoneline & Ethernet extender from Multi-Link.

ZipLink is a fast, affordable alternative to trenching cables through impassable terrain or across parking lots, streets, or concrete aprons. A typical trenching job would cost \$3,500 to get started and average \$200/hr in operations costs thereafter. At a fraction of the cost, the ZipLink could be installed and running in few hours.

POTS lines and/or Ethernet connections are extended up to a mile by an encrypted 5.8GHz direct sequence radio signal. The ZipLink is an all-in-one solution that houses all electronics in a rugged outdoor antenna enclosure. Tough enough for permanent installations in demanding conditions (-40°F to 130°F), the ZipLink is ideal for temporary jobsites and re-used again and again.

ZipLink --- *when wires won't work.*

### Features

#### NO TRENCHING

ZipLink extends 1 or 2 analog phone lines with 10BaseT Ethernet connections up to one mile (1.6 km).

#### USES PUBLIC 5.8 GHz RADIO BAND

Direct sequence for higher data throughput and minimal interference.

#### FAST INSTALLATION

Can be installed in less than 2 hours with no radio experience needed.

#### COMPLETE WORKING SYSTEM IN A BOX

Pre-configured Line & Phone End Radios, mounting brackets, power supplies, & cables included.

#### RJ11 DIRECT CONNECT

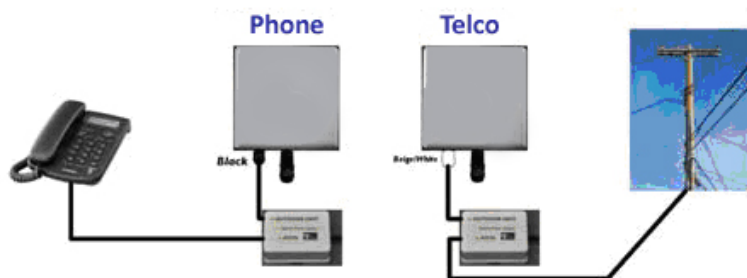
Run 1 or 2 POTS lines and 10Mbps Ethernet over radio. Ethernet supports VoIP telephony equipment.

#### SECURE CONNECTIVITY

WPA2 -PSK 256 bit AES encryption

#### ONE YEAR LIMITED WARRANTY



**ZipLink Electrical Connectivity Diagram****Ask our technicians**

Our staff of technicians is available to answer any questions you may have about programming or installation. We are available before and after the sale to ensure your satisfaction and optimal performance for your application.

**Sales: 800-535-4651****Tech Support: 916-947-7444**[techsupport@multi-link.net](mailto:techsupport@multi-link.net)[sales@multi-link.net](mailto:sales@multi-link.net)**TECHNICAL SPECIFICATIONS**

Model Number	Single Line Unit ZIPLINK-1 Two Line Unit ZIPLINK-2 Ethernet Only (12Mbps) ZIPLINK-E Ethernet Xtreme (80Mbps) ZIPLINK-X	Radio power:	41 dBm (effective)
Range:	Up to one Mile (1.6 km)	Radio Sensitivity:	-82 dBm @ 10 -5BER
Radio type:	5.8 GHz DSSS License Free	Fax Speed:	14.4 kbps
Input Power Requirements:	7W (Power Adapter included)	Modem Speed:	Up to 4800 bps
Device Interface:	RJ-11/RJ45	Operating Temperature Range:	-40°F to 145°F
<u>ZipLink System includes:</u>		Physical:	9" x 9" x 3.5" ; 23 lbs
Line & Phone End Radios		FCC ID:	SWX-WS5
2 power adapters			
2 x 100 ft outdoor CAT 3 cable			
2 Wall pole mount and brackets w/nuts, screws, washers			
<u>Required tools:</u>			
Drill/ Phillips head screwdriver, Fishline,			
RJ11 crimper, 10mm nut driver			

**Multi-Link, Inc.**  
**122 Dewey Drive | Nicholasville, KY | 40356 USA**  
**Sales and Tech Support 800.535.4651**  
**FAX 859.885.6619**  
**www.multi-link.net**

