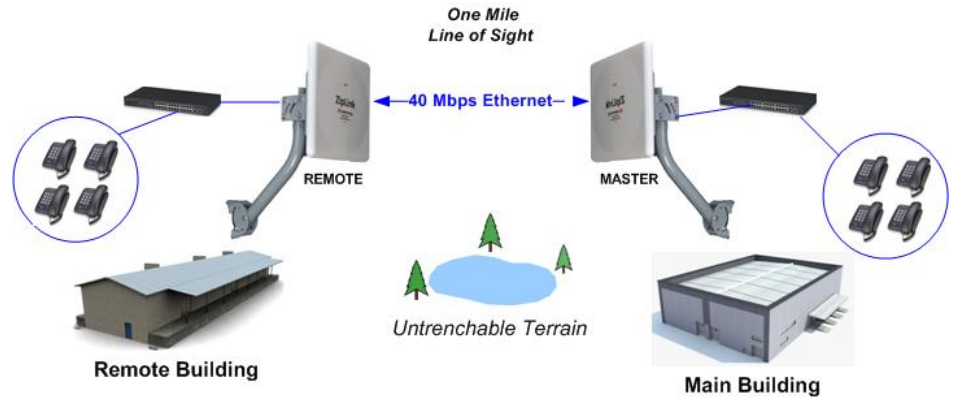


# ZipLink-E

## Ruggedized Wireless 40 Mbps 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

VoIP Connectivity  
M2M Communication  
Fuel Tank Monitoring  
Utility Substations  
Digital Signage  
Truck Stops  
Construction Trailers  
Golf Courses  
Guard Booths  
Marinas/Boat Docks

### Communications Supported

Private LAN  
IP Camera  
Voice over IP  
Internet

### Product Overview

Another ruggedized unit in the ZipLink Series by Multi-Link, the **ZipLink-Ethernet** model extends 40 Mbps of VoIP-grade bandwidth up to one mile. It can accommodate 100 VoIP calls simultaneously with remaining bandwidth left for internet access.

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

The ZipLink-E is a complete solution that houses all electronics in a rugged NEMA 4 outdoor antenna enclosure. Tough enough for permanent outdoor installations in demanding conditions, the ZipLink-E is ideal for temporary jobsites and can be re-used over and over.

### Features

#### NO TRENCHING

ZipLink-E wirelessly extends 40 Mbps of Ethernet bandwidth up to one mile (*Line-of-sight*)

**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 SYSTEM IN A BOX

Pre-configured Remote & Base Radios, mounting brackets and masts, power supplies, & cables included.

#### RUGGEDIZED PERFORMANCE

NEMA 4 Enclosure. Operating temperature range -30°F to 145°F

#### SECURE CONNECTIVITY

WPA2 -PSK 256 bit AES encryption

#### ONE YEAR LIMITED WARRANTY

***Don't trench it... ZIP it!***



**multi-link inc.**  
expanding global communications

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**Box Contents**

### 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 & Tech Support: 800-535-4651**  
[techsupport@multi-link.net](mailto:techsupport@multi-link.net)  
[sales@multi-link.net](mailto:sales@multi-link.net)

### TECHNICAL SPECIFICATIONS

Model Number	ZIPLINK-E <i>Ethernet Only</i>	<i>Radio Power:</i>	+34 dBm (adjustable)
		<i>Radio Sensitivity:</i>	-89 dBm @10 <sup>-5</sup> BER
<i>Range:</i>	Up to 1 Mile (1.6 km)	<i>Over the air data rate:</i>	40 Mbps
<i>Radio Type:</i>	5.8 GHz DSSS License Free	<i>Operating Temperature Range:</i>	-40°F to 145°F
<i>Input Power Requirements:</i>	7W	<i>Physical (Antenna unit):</i>	9" x 9" x 3.5"
<i>Device Interface:</i>	RJ45	<i>FCC ID:</i>	SWX-W55

ZipLink System includes:

- Master & Remote End Radios
- 2 power adapters & power injectors
- 2 x 100 ft outdoor rated CAT 5e cable
- 2 Wall pole mount and brackets w/nuts, screws, washers

Required tools:

- Drill/ Phillips head screwdriver, Fishline,
- RJ11 crimper, 10mm nut driver

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