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!
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
sales@multi-link.net

Box Contents

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>ZIPLINK-E Ethernet Only</th>
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</thead>
<tbody>
<tr>
<td>Range:</td>
<td>Up to 1 Mile (1.6 km)</td>
</tr>
<tr>
<td>Radio Type:</td>
<td>5.8 GHz DSSS License Free</td>
</tr>
<tr>
<td>Input Power Requirements:</td>
<td>7W</td>
</tr>
<tr>
<td>Device Interface:</td>
<td>RJ45</td>
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</tbody>
</table>

| Radio Power: | +34 dBm (adjustable) |
| Radio Sensitivity: | -89 dBm @10⁻⁵ BER |
| Over the air data rate: | 40 Mbps |
| Operating Temperature Range: | -40°F to 145°F |
| Physical (Antenna unit): | 9” x 9” x 3.5” |
| FCC ID: | SWX-WS5 |

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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