ZipLink-X200
Ruggedized 200Mbps Wireless 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
IP Video Surveillance
SCADA
M2M Communication
Fuel Tank Monitoring
Utility Substations
Digital Signage
Truck Stops
Construction Trailers
Golf Courses
Guard Booths
Marinas/Boat Docks

Communications Supported
Private LAN
Internet
Multiple Hi-Definition IP Cameras
Multiple T1/VoIP Connections
Industrial Communication

Product Overview
The ZipLink-Xtreme/200 ruggedized wireless Ethernet extender is designed for data/comm intensive applications in demanding outdoor environments. Affordable, dependable, and ideal for primary or back-up communication, the ZipLink-X200 can extend 200Mbps of Ethernet bandwidth up to three miles line of sight in conditions ranging from -40°F to 145°F.

ZipLink-X200 is a fast, easy alternative to trenching Ethernet 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-Xtreme/200 can be installed and running in few hours.

The ZipLink-Xtreme/200 is a complete solution that houses all electronics in a rugged NEMA 4 outdoor antenna enclosure. Tough enough for permanent installations in demanding conditions, the ZipLink-X200 is ideal for temporary jobsites and re-used again and again.

Features
NO TRENCHING
ZipLink-Xtreme/200 wirelessly extends 200Mbps of Ethernet bandwidth up to 3 miles / 5 Kilometers.
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 Remote & Base Radios, mounting brackets and masts, power supplies, & cables included.

RUGGEDIZED PERFORMANCE
NEMA 4 Enclosure. Operating temperature range -40°F to 145°F

SECURE CONNECTIVITY
WPA2 -PSK 256 bit AES encryption

ONE YEAR LIMITED WARRANTY
**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)

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**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Ethernet Xtreme/200</th>
<th>ZIPLINK-X200</th>
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<tbody>
<tr>
<td><strong>Radio power:</strong></td>
<td>19W max/ 10W typical</td>
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<tr>
<td><strong>Radio Sensitivity:</strong></td>
<td>+40 dBm (adjustable)</td>
<td></td>
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<tr>
<td><strong>Range:</strong></td>
<td>-82 dBm @10⁻⁵ BER</td>
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<tr>
<td><strong>Operating Temperature Range:</strong></td>
<td>Up to 3 Miles (5 km)</td>
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<td><strong>Over the air data rate:</strong></td>
<td>5.8 GHz DSSS License Free</td>
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<tr>
<td><strong>Physical (Antenna unit):</strong></td>
<td>200 Mbps</td>
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<tr>
<td><strong>Input Power Requirements:</strong></td>
<td>-40°F to 145°F</td>
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</tr>
<tr>
<td><strong>Device Interface:</strong></td>
<td>Over the air data rate: 200 Mbps</td>
<td></td>
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<tr>
<td><strong>FCC ID:</strong></td>
<td>12W x 12” x 3.5”</td>
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**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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