

EasyLink Pro Series

867 Mbps Plug & Play Wireless Bridge Kit



Overview

EtherWAN's EasyLink is a pre-configured point to point (PtP) Bridge kit which allows for connecting remote locations wirelessly up to 2 miles away. EasyLink's simple setup allows you to connect locations by mounting the hardware, powering them on and aligning the units using the built-in alignment LEDs. Each kit contains two paired units that connect automatically using a highly secure, unique, hidden SSID and randomly-generated passphrase to keep your valuable equipment secure right out of the box. No need for complicated setup software, just plug it in, aim it and you are connected.

Highlights

+ Easy

- Mount units to a pole or wall using included mount kit
- Signal strength LED's for easy alignment
- Just power and align using supplied PoE injectors and power supplies
- No technical expertise needed

+ Highly Secure

- Encrypted & Authenticated Wireless Connection (WPA2)
- Every kit has unique SSID and security settings

+ Hardened-Grade for Outdoor & Harsh Environments

- Fanless and ruggedized outdoor IP67 enclosure (Rainproof)
- Wide operating temperature range (-40 to 167°F)
- Connections up to 2 miles away

+ What's Included

- 2 x units preconfigured to connect with optimal performance up to 867 Mbps
- Includes all Mounting Hardware
- Includes 2 x power supplies and 2 x PoE injectors

Specifications

+ Wireless

- Frequency 5 GHz
- Max data rate 867 Mbit/s
- Number of chains: 2
- Standards 802.11a/n
- WPA2 Passphrase
- 256-bit AES-CCM Encryption
- Dynamic Frequency selection

+ Layer 2 Features

- Auto-negotiation for port speed and duplex
- Redundant Protocols (always enabled)
 - IEEE 802.1D STP
 - IEEE 802.1w RSTP
 - IEEE 802.1s MSTP

+ Interface

- Ethernet**
- 10/100/1000BASE-T Passive PoE

- Wireless**
- 802.11a/n

LED Indicators



+ Regulatory

- ISO**
- Manufactured in ISO-9001 facility

- EMI**
- FCC Part 15B Class A
- PCC Part 15C

+ Technology

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-T
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3x full duplex and flow control
- IEEE 802.1D STP
- IEEE 802.1s MSTP
- IEEE 802.1w RSTP
- IEEE 802.11w Management Frame Protection (MFP)

Power

- PoE in (Passive PoE)
- PoE in input Voltage 6-30V
- Max power consumption 10W

+ Physical

Casing Material

- UV Protected Polystyrene case

Dimensions

- 185 x 185 x 63.5mm (W x D x H)
- 7.28" x 7.28" x 2.5"

Weight (shipping)

- 5.3lbs (2.4kg)

Installation Type

- Pole/Wall

+ Environmental

Operating Temp.
-40 to 75°C (-40 to 167°F)

Storage Temp.
-45 to 85°C (-49 to 185°F)

Relative Humidity
5% to 95% (non-condensing)

Wind Survivability
200km/h
*Power supply rated 5 to 158°F

+ Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration Resistance)

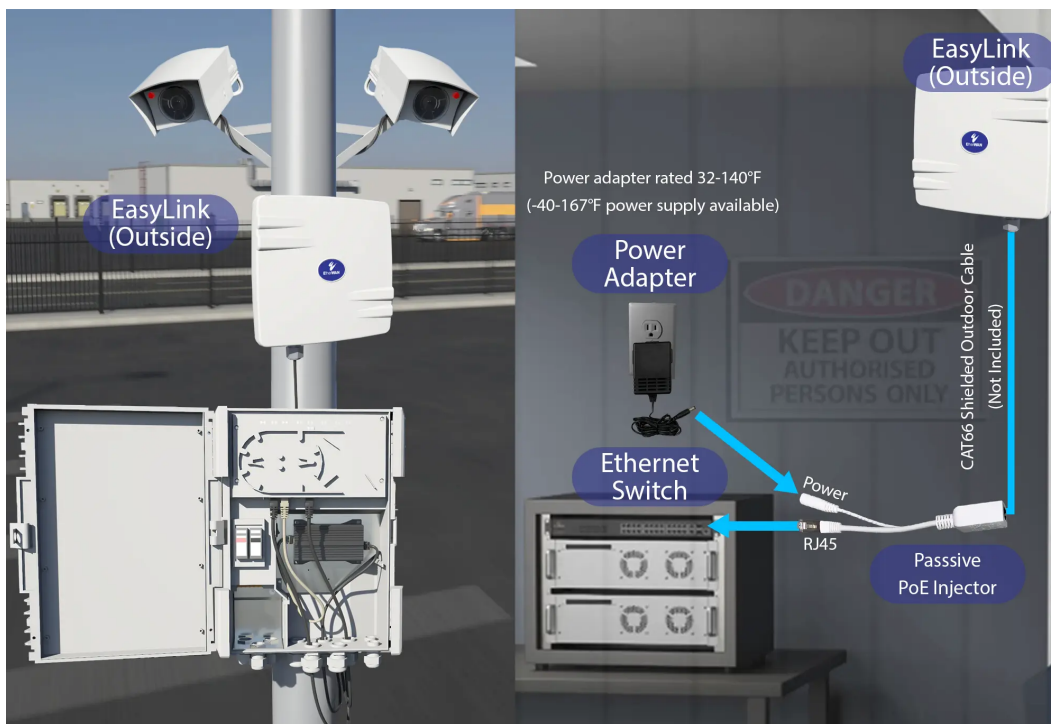
EN 61000-4-3 (Radiated RFI)

+ Warranty

Length
3 Years

Details
<https://etherwan.com/support/warranty-policy>

Application



Ordering Information

+ Model

| | |
|-------------------------|---|
| EasyLink-PRO-US | Wireless Bridge Kit - Two 867 Mbps paired Wireless Bridge Units, 2 x 24VDC, 1.5A Power Supplies, 2 x Passive PoE Injectors, 2x Active to Passive PoE Converters, and 2 x Mounting Kits. |
| JPole18 | 18" Wall Mount J-Pole |
| EasyLink-PSU-INJ | Replacement Power Supply and Gigabit Passive PoE Injector for EasyLink Wireless Bridge Series |
| Cable 3 | 3' Shielded Twisted Pair CAT 6 Cable with UV Resistant Coating |
| Cable 25 | 25' Shielded Twisted Pair CAT 6 Cable with UV Resistant Coating |
| Cable 50 | 50' Shielded Twisted Pair CAT 6 Cable with UV Resistant Coating |
| Cable 150 | 150' Shielded Twisted Pair CAT 6 Cable with UV Resistant Coating |
| Cable 300 | 330' Shielded Twisted Pair CAT 6 Cable with UV Resistant Coating |
| EPOW-24-60-A | Hardened Power Supply rated for use in temperatures -40 to 167°F |
| PoEPowerEZ | PoE Switch to EasyLink Adapter Hardened -40 to 165°F (Eliminates the need for a power supply) |

+ What's in the Box

2 x Paired Easylink Units, 2 x Wall Power Supplies, 2 x PoE Injectors, 2x Passive to Active PoE Converters, 2 x Pole Mounting kit, 2 x Wall Mounting Poles, Quick Install Guide (see picture at top)

