



## 10 dBi Wireless N300 Outdoor PoE Preconfigured Point-to-Point Bridge Kit

TEW-740APBO2K (v2.0R)

- Wireless N300 point-to-point networking (2.4 GHz)
- 2 x preconfigured Wireless N access points
- IPX6 outdoor weather rated housing
- Built-in 10 dBi directional antenna

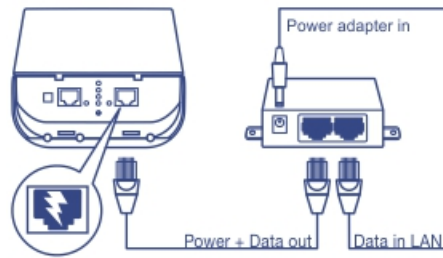
TRENDnet's 10 dBi Wireless N300 Outdoor PoE Preconfigured Point-to-Point Bridge Kit, model TEW-740APBO2K, provides Wireless N300 point-to-point connectivity. This preconfigured kit provides installers the simplest way to create a long distance wireless point-to-point bridge. Conveniently link two locations together with wireless N speed and performance.



Wireless Distribution System (WDS)

### Preconfigured Point-to-Point Bridge

Reduce installation and setup time with this preconfigured and pre-encrypted long range wireless bridge kit



### PoE Power Adapter

Included power adapter provides power and data over a single Ethernet cable with a maximum distance of 20 m (66 ft.)



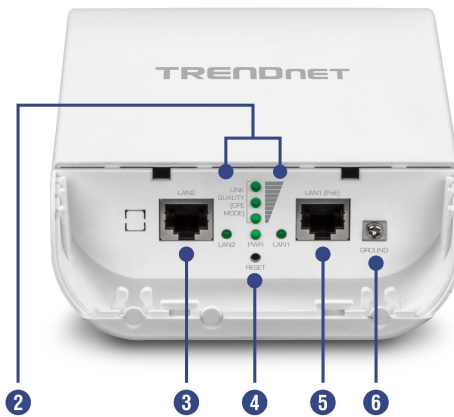
### Outdoor Ready

Durable enclosure with an IPX6 outdoor weather rating

## Networking Solution



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- 1 Outdoor rated
- 2 LED indicators
- 3 10/100 Mbps port
- 4 Reset button
- 5 10/100 Mbps PoE port
- 6 Grounding Point



### Preconfigured Kit

Reduce installation and setup time with this preconfigured and pre-encrypted long range wireless bridge kit



### Wireless N300 (2.4 GHz)

Compliant with 802.11b/g/n technology (2.4 GHz) with data rates up to 300 Mbps\*



### Outdoor Rated

Durable enclosure with an IPX6 outdoor weather rating



### Directional Antenna

Built-in 10 dBi directional antenna



### PoE Power Adapter

Proprietary PoE power adapter included



### Mounting Hardware

Pole and wall mount hardware included



### LED Indicators

LEDs convey wireless link quality in WISP mode

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.1d
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.1X
- IEEE 802.11d
- IEEE 802.11e
- IEEE 802.11f
- IEEE 802.11h
- IEEE 802.11i
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (2.4 GHz up to 300 Mbps)
- IEEE 802.11r
- IEEE 802.11k

### Hardware Interface

- 1 x 10/100 Mbps LAN1 port (proprietary PoE max. cable length 20 m (66 ft.))
- 1 x 10/100 Mbps LAN2 port
- LED indicators
- Reset button
- Grounding Point

### Special Features

- IPX6 weather rated
- 802.1Q VLAN assignment per SSID
- Schedule radio on/off time policy
- 802.11r / 802.11k fast roaming
- Preconfigured point-to-point bridge kit

### Access Control

- Wireless encryption: WPA/WPA2-PSK, WPA/WPA2-Enterprise, 802.1X
- Firewall (CPE Mode): NAT, Virtual Server, DMZ Host, PPTP/L2TP/IPsec VPN Passthrough
- Access Controls: MAC, IP Filter, Layer 2 Client Isolation, Per-SSID client limiting
- 802.1Q VLAN
- Authentication 2.0 / Walled Garden for guest authentication
- Customizable captive portal for guest authentication

### QoS

- WMM

### Operation Modes

- Access Point (AP)
- Access Point (AP) + WDS
- Wireless Distribution System (WDS)
- WISP (CPE) + AP
- Client Bridge + AP
- Router
- Control AP (CAP)

### SSID

- Up to 7 SSIDs

### Internet Connection Types (WISP (CPE) + AP & Router modes)

- Dynamic IP (DHCP)
- Static IP (Fixed)
- PPPoE (Dynamic IP/Static IP)
- PPTP (Dynamic IP/Static IP)

### Management/Monitoring

- Local/remote web based management (HTTP, HTTPS)
- Local/remote CLI based management (Telnet, SSH)
- SNMP v2c/v3
- SNMP Trap
- Upgrade firmware
- Backup/restore configuration
- Event logging
- Authentication log
- Reboot
- Restore to factory defaults
- Ping test
- Traceroute
- LED Control

### Frequency

- FCC: 2.412 - 2.462 GHz
- ETSI: 2.412 - 2.472 GHz
- IC: 2.412 - 2.462 GHz

### Wireless Channels

- FCC: 1-11
- ETSI: 1-13

### Modulation

- 802.11b: DBPK, DQPSK, CCK with DSSS

- 802.11g/n: BPSK, QPSK, 16-QAM, 64-QAM with OFDM

### Media Access Protocol

- CSMA/CA with ACK

### Antenna Gain

- 10 dBi internal sector antenna

### Wireless Output Power/Receiving Sensitivity

- 802.11b: FCC/ETSI: FCC: 28 dBm (max.), ETSI: 10.4 dBm (max.), IC: 28 dBm (max.)/-88 dBm (typical) @ 11 Mbps
- 802.11g: FCC/ETSI: FCC: 26 dBm (max.), ETSI: 10.5 dBm (max.), IC: 26 dBm (max.)/- 74 dBm (typical) @ 54 Mbps
- 802.11n: FCC/ETSI: FCC: 26 dBm (max.), ETSI: 10.6 dBm (max.), IC: 26 dBm (max.)/- 69 dBm (typical) @ 300 Mbps

### Power

- Input: 100 – 220 V, 50 - 60 Hz, 0.5 A
- Output: 12V / 1A
- Consumption: 13.5 Watts Max.

### Operating Temperature

- -20 - 60° C (-4 - 140° F)

### Operating Humidity

- Max. 99 % non-condensing

### Certifications

- CE
- FCC

### Dimensions

- 195 x 118 x 61 mm (7.6 x 4.6 x 2.4 in.) per access point

### Weight

- 320 g (0.7 lbs.) per access point

### Warranty

- 3 year

### Package Contents

- 2 x TEW-740APB0
- CD-ROM (User's Guide)
- Quick Installation Guide
- Mounting hardware
- Proprietary PoE injectors
- Power adapters (12 V DC, 1 A)
- Grounding wires

