

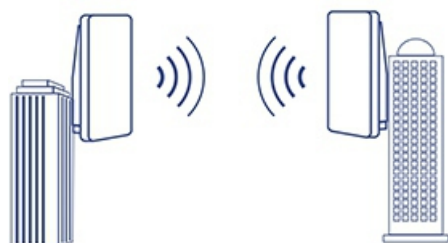


10dBi Wireless N300 Outdoor PoE Access Point

TEW-740APBO (v1.0R)

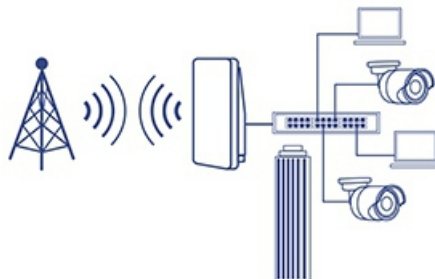
- Wireless N300 building-to-building networking (2.4 GHz)
- Supports Access Point (AP), Wireless Distribution System (WDS), Repeater, and Wireless Client modes
- IP67 rated housing
- Built in 10 dBi directional sector antenna

TRENDnet's 10 dBi Outdoor PoE Access Point, model TEW-740APBO, provides Wireless N300 building-to-building connectivity. A variety of installation scenarios are facilitated with Access Point (AP), Wireless Distribution System (WDS), Repeater, and CPE + AP modes. The IP67 rated housing comes with wall and pole mounting hardware.



Point-to-Point

Wireless N300 building-to-building networking (2.4 GHz)



Installation Flexibility

Supports Access Point (AP), Wireless Distribution System (WDS), Repeater, and Wireless Client modes



Outdoor Ready

IP67 rated housing

Networking Solution



- 1 IP67 weather rated
- 2 Waterproof RJ-45 kit
- 3 Mounting point
- 4 Grounding point
- 5 Ethernet Port
- 6 Reset button
- 7 LED indicators

Performance



Multi-Mode Support

Supports Access Point (AP), Wireless Distribution System (WDS), Repeater, and Wireless Client modes



Wireless N300 (2.4 GHz)

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



Outdoor Rated

Durable enclosure with an IP67 outdoor weather rating



Directional Antenna

Built in 10 dBi directional antenna



Power over Ethernet (PoE)

Comes with a proprietary PoE injector, so that it can connect a regular non-PoE switch



Logs

Real time logs and statistics help troubleshooting



Encrypted Wireless

Support for wireless encryption of up to WPA2



Multiple SSIDs

Create up to eight additional SSIDs



Compatibility

Compatible with legacy wireless devices



Mounting Hardware

Pole and wall mount hardware included

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)

Hardware Interface

- 1 x 10/100 Mbps port (proprietary PoE max. cable length 70 m)
- Reset button
- LED indicators

Special Features

- IP67 weather rated
- 802.1Q VLAN assignment per SSID
- DDNS support for dyn.com, no-ip.com
- Schedule radio on/off time policy

Access Control

- Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS
- 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

QoS

- WMM
- Diffserv (DSCP)/ToS
- 802.1p/CoS

Operation Modes

- Access Point (AP)
- Wireless Distribution System (WDS)
- AP + WDS

- Repeater
- CPE + AP

SSID

- Up to 8 SSIDs

Internet Connection Types (CPE mode)

- 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 v1/v2c/v3
- SNMP Trap
- MIB II
- Upgrade firmware
- Backup/restore configuration
- Event logging
- Reboot
- Restore to factory defaults
- Ping test
- Ping Watchdog

Routing

- Static
- Dynamic (RIP v1/2, OSPF)

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: 10.6 dBm (max.), IC: 28 dBm (max.)/-88 dBm (typical) @ 11 Mbps
- 802.11g: FCC/ETSI: FCC: 27 dBm (max.), ETSI: 10.7 dBm (max.), IC: 27 dBm (max.)/- 74 dBm (typical) @ 54 Mbps
- 802.11n: FCC/ETSI: FCC: 28 dBm (max.), ETSI: 10.7 dBm (max.), IC: 28 dBm (max.)/- 69 dBm (typical) @ 300 Mbps

Power

- Input: 100 – 220 V, 50 - 60 Hz, 0.6 A
- Output: 48v / 0.5A
- Consumption: 22 Watts Max.

Operating Temperature

- -30 - 60° C (-22 - 140° F)

Operating Humidity

- Max. 99% non-condensing

Certifications

- CE
- FCC

Dimensions

- 218 x 125 x 54 mm (8.6 x 4.9 x 2.1 in.)

Weight

- 424 g (0.9 lbs.)

Warranty

- 3 year limited

Package Contents

- TEW-740APBO
- CD-ROM (User's Guide)
- Quick Installation Guide
- Power adapter (48V DC, 0.5A)
- Proprietary PoE injector
- Waterproof RJ-45 kit
- Grounding wire
- Mounting hardware

* Effective wireless coverage may vary depending on the wireless device's output power, antenna gain, antenna alignment, receiving sensitivity, and radio interference. Additionally environmental factors such as weather conditions, physical obstacles, and other considerations may affect performance. For optimal results, we recommended consulting a professional installer for site survey, safety precautions, and proper installation.

