TRENDnet’s plenum rated business class N300 High Power PoE Access Point, model TEW-735AP, greatly increases wireless coverage as compared to standard access points. A variety of installation scenarios are supported with Access Point, WDS AP, WDS Bridge, and Repeater modes. Save installation time and costs with PoE.
Installation

1. Quick Setup
   Get up and running in minutes with an intuitive guided setup

2. Plenum Rated
   Plenum rating expands installation options

3. Housing
   Off white color and smoke detector shape blends into most environments

4. Power over Ethernet (PoE)
   Save installation time and costs with PoE (Optional power port for non-PoE installations)

5. LED Control
   Disable diagnostic LEDs to further reduce visual attention

Performance

- Wireless Coverage
  High power radio greatly expands wireless coverage

- Wireless Speed
  Proven 300 Mbps wireless N

- Backward Compatible
  Compatible older wireless G devices

Management

- Operation Modes
  Access Point, WDS AP, WDS Bridge, and Repeater modes

- IPv6
  IPv6 pass through support

- SSIDs
  Create up to four wireless virtual LANs (SSIDs)

- System Log
  System log aids network troubleshooting

- SNMP
  Extend network monitoring to this device with SNMP support

Security

- Encrypted Wireless
  Support for encryption up to WPA2

- VLAN Management
  Up to four SSIDs with VLAN management support

- Network Access
  Create MAC filter tables to reduce network access risk

Networking Solution

N300 High Power PoE Access Point
TEW-735AP

Power + Data  300 Mbps Wireless N
Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3af
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (up to 300 Mbps)
- IEEE 802.11az

Device Interfaces
- 1 x 10/100 Mbps PoE LAN port
- Optional power port
- Mounting points
- LED indicators

Wireless
- Modes: AP, Repeater, WDS AP, and WDS Bridge
- Up to 4 SSIDs

Security
- Wireless encryption up to WPA2
- MAC address filtering

Special Features
- High power wireless radio
- Plenum rated

- VLAN tag support
- SNMP v1, v2c
- Disable LEDs
- IPv6 ready
- Discrete housing

Antenna Gain
- 4 dBi internal PIFA x 2

Wireless Output Power (EIRP)/ Receiving Sensitivity
- 802.11b: FCC: 30 dBm (typical), CE: 20 dBm (typical) / -82 dBm (typical) @ 11 Mbps
- 802.11g: FCC: 27 dBm (typical), CE: 20 dBm (typical) / -72 dBm (typical) @ 54 Mbps
- 802.11n: FCC: 27 dBm (typical), CE: 20 dBm (typical) / -66 dBm (typical) @ 300 Mbps

Power
- Input: 100 - 240 V AC, 50 - 60 Hz
- Output: 12 V DC, 1 A
- PoE power (with optional power adapter)
- Consumption: 6 Watts (Max.)

Operating Temperature
- 0 - 45°C (32 - 113°F)

Operating Humidity
- Max. 90% non-condensing

Certifications
- CE
- FCC

Dimensions
- 128 x 60 mm (5 x 2.4 in.)

Weight
- 210 g (7.0 oz.)

Warranty
- 3 year limited

Package Contents
- TEW-735AP
- Multi-Language Quick Installation Guide
- CD-ROM (User’s Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (12 V DC, 1 A)

* Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.