N300 High Power PoE Access Point
TEW-735AP (v1.0R)

- High power radio greatly expands coverage
- Proven 300 Mbps wireless N
- Features Access Point, WDS AP, WDS Bridge, and Repeater modes
- No need to install the device near a power source with PoE installation
- Off-white housing blends into environment
- Plenum rated

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

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

Plenum Rated
Plenum rating expands installation options

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

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

LED Control
Disable diagnostic LEDs to further reduce visual attention

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

Performance

Wireless Coverage
High power radio greatly expands wireless coverage

Wireless Speed
Proven 300 Mbps wireless N

Backward Compatible
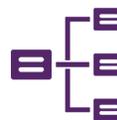Compatible older wireless G devices

Security

Encrypted Wireless
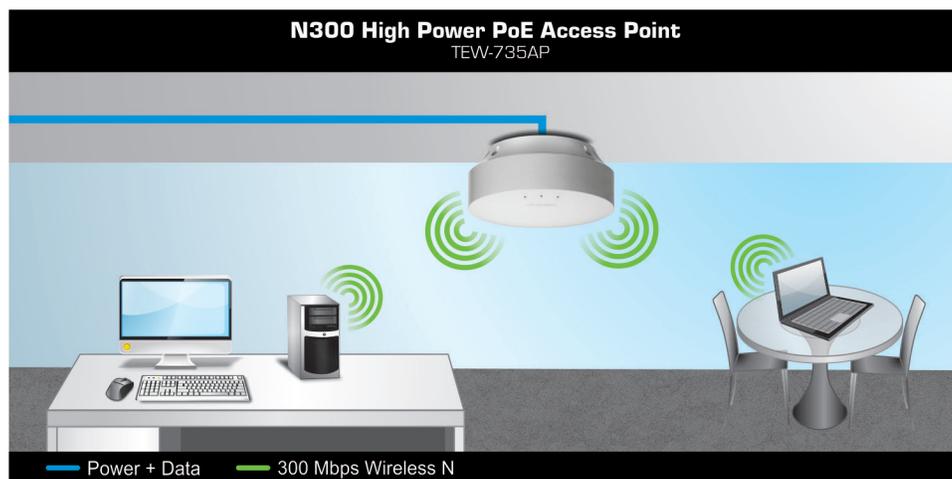Support for encryption up to WPA2

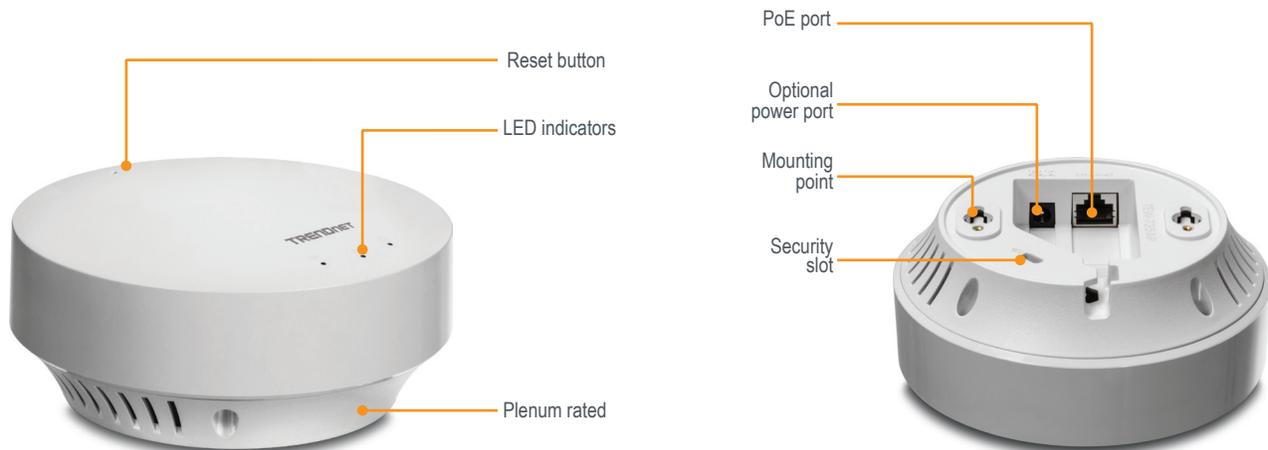### VLAN Management
Up to four SSIDs with VLAN management support

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

TRENDnet®

Reset button

LED indicators

Plenum rated

PoE port

Optional power port

Mounting point

Security slot

Specifications

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- 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 Sensivity

- 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