TRENDnet’s N600 Dual Band PoE Access Point, model TEW-753DAP, is a feature rich business class access point with proven concurrent 300 Mbps dual band wireless technology. 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

- **Low Profile**
  Off white low profile smoke detector shape blends into most environments

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

Performance

- **Concurrent Dual Band**
  Proven concurrent 300 Mbps dual band wireless N

- **Gigabit Port**
  Gigabit port maintains high performance connection to network

- **Wireless Coverage**
  Increased coverage with MIMO technology

- **Backward Compatible**
  Compatible older wireless G devices

Management

- **Operation Modes**
  Independently set each band to Access Point, WDS AP, WDS Bridge, or Repeater mode

- **IPv6**
  IPv6 support

- **AP Scan**
  Integrated wireless scan function helps optimize wireless setup

- **SSIDs**
  Up to 8 SSIDs per band (16 total) with isolation support

- **Traffic Shaping**
  Allocate bandwidth to each wireless SSID

- **System Logs**
  Eight system logs aid network troubleshooting

- **SNMP**
  Extend network monitoring to this device with SNMP support

Security

- **Encrypted Wireless**
  Support for encryption up to WPA2

Networking Solutions

**N600 Dual Band PoE Access Point**

- Power + Data
- 300 Mbps 5 GHz Wireless N
- 300 Mbps 2.4 GHz Wireless N
Specifications

Standards
- IEEE 802.1X
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3af
- IEEE 802.3az
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (2.4 + 5 GHz at up to 300 Mbps)

Device Interfaces
- 1 x Gigabit PoE port
- Optional power port
- Mounting points
- LED indicators

Wireless
- Modes: AP, Repeater, WDS AP, and WDS Bridge
- Up to 8 SSID per band: 16 total

Security
- Wireless encryption up to WPA2
- MAC address filtering

Special Features
- VLAN tag support
- SNMP v1 - 3
- Traffic shaping
- Disable LEDs
- Low profile discrete housing
- IPv6 ready
- AP scan mode helps optimize wireless setup

Antenna Gain
- 2.4 GHz: 3 dBi/5 GHz: 4 dBi internal PIFA

Wireless Output Power/Receiving Sensivity
- 802.11a: FCC/CE: 17 dBm/75 dBm (typical) @ 54 Mbps
- 802.11b: FCC/CE: 20 dBm/90 dBm (typical) @ 11 Mbps
- 802.11g: FCC/CE: 17 dBm/76 dBm (typical) @ 54 Mbps
- 802.11n: FCC/CE: 17 dBm/69 dBm (typical) @ 300 Mbps 2.4GHz & 5 GHz
- 802.11n: FCC/CE: 18 dBm/70 dBm (typical) @ 300 Mbps 5 GHz

Power
- Input: 100 - 240 V AC, 50 - 60 Hz
- Output: 12 V DC, 1.25 A
- PoE power (with optional power adapter)
- Consumption: 12 Watts (Max)

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

Operating Humidity
- Max. 90 % non-condensing

Certifications
- CE
- FCC

Dimensions
- 165 x 40 mm (6.5 x 1.6 in.)

Weight
- 285 g (10 oz.)

Warranty
- 3 year limited

Package Contents
- TEW-753DAP
- Multi-Language Quick Installation Guide
- CD-ROM (User’s Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (12 V, 1.25 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.