TRENDnet's high performance N300 PoE Access Point, model TEW-755AP, supports Access Point (AP), Client, Wireless Distribution System (WDS) AP, WDS Bridge, WDS Station, and Repeater modes. It generates a 300 Mbps WiFi N network and features a Gigabit PoE port. The included Windows-based software controller manages multiple TEW-755APs and reduces WiFi management/troubleshooting time. A low profile housing blends into most environments and a mounting plate eases installation.
Access Point Flexibility
Proven 300 Mbps WiFi N combined with AP, Client, WDS, and Repeater modes support multiple applications.

Centralized Management
The included Windows based software controller manages multiple TEW-755APs and reduces WiFi management and troubleshooting time.

Easy Installation
Saves remote location installation time and costs with Gigabit Power over Ethernet (PoE) support and a convenient mounting plate.

Networking Solution

1. Mounting plate
2. LED indicators (can be turned off)
3. Gigabit PoE LAN port
4. Optional power port for non-PoE installations
5. Reset button
6. Low profile off white housing
<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tr>
<td>Multi-Language</td>
<td>Multi-Language Interface: English, Spanish, French, German, and Russian</td>
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<tr>
<td>Power over Ethernet (PoE)</td>
<td>Saves remote location installation time and costs with Gigabit PoE support (Optional power port for non-PoE installations)</td>
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<td>WiFi N300</td>
<td>Low profile access point delivers proven WiFi N300</td>
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<td>Multi-Mode Support</td>
<td>Supports Access Point (AP), Client, WDS AP, WDS Bridge, WDS Station, and Repeater modes</td>
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<td>Software Controller</td>
<td>The included Windows-based Software Controller manages multiple TEW-755APs and reduces WiFi configuration, management, and troubleshooting time</td>
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<td>Gigabit Port</td>
<td>Gigabit PoE LAN port maintains high performance connections to the wired network</td>
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<td>Wireless Coverage</td>
<td>Extended wireless coverage with MIMO antenna technology</td>
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<td>Encrypted Wireless</td>
<td>Support for wireless encryption of up to WPA2</td>
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<td>WiFi Traffic Shaping</td>
<td>Manage traffic allocation per VLAN</td>
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<td>IPv6</td>
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<td>Low Profile</td>
<td>Off white low profile housing blends into most environments</td>
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<td>LED Control</td>
<td>Further reduce product visibility by turning off LED indicators</td>
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<td>Mounting Plate</td>
<td>Mounting plate reduces installation time</td>
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Specifications

Standards
• IEEE 802.1Q
• 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)

Hardware Interface
• 1 x PoE Gigabit LAN port
• Power port (optional non-PoE installation)
• Reset button
• LED indicators
• Mounting plate

Special Features
• Software controller
• Concurrent Dual band
• Band Steering
• WiFi traffic shaping
• Beamforming
• 802.1Q VLAN assignment per SSID
• IPv6 support (Link-Local, Static IPv6, Auto-Configuration (SLAAC/DHCPv6)
• Multi-Language interface, English, French, Spanish, German, Russian
• LEDs on/off

Operation Modes
• Access Point
• Client
• WDS AP
• WDS Bridge
• WDS Station
• Repeater

Management/Monitoring
• Web-based management
• Software controller
• SNMP v1/v3
• STP
• Event logging
• Ping test
• Traceroute
• CLI

Software Controller
• Central management for multiple devices
• Wireless settings management
• Wireless security settings management
• Firmware upload

Software Controller Supported OS
• Windows® 8.1, 8, 7, Vista, XP

Access Control
• Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS
• MAC filter
• Maximum client limit

QoS
• WMM
• Traffic shaping per SSID

SSID
• Up to 8 SSIDs

Frequency
• 2.4 GHz: 2.412 – 2.472 GHz

Wireless Channels
• 2.4 GHz: FCC: 1-11, ETSI: 1 – 13

Modulation
• DBPSK/DQPSK/CCK for DSSS technique
• BPSK/QPSK/16-QAM/64-QAM/256-QAM for OFDM technique

Antenna Gain
• 2.4 GHz: 2 x 4 dBi

Wireless Output Power/Receiving Sensitivity
• 802.11b: FCC: 23 dBm (Max.), CE: 10 dBm (Max.) / -83 dBm (typical) @ 11 Mbps
• 802.11g: 19 dBm (Max.), CE: 12 dBm (Max.) / -65 dBm (typical) @ 54 Mbps
• 802.11n: FCC: 19 dBm (Max.), CE: 12 dBm (Max.) / -64 dBm (typical) @ 300 Mbps

EIRP
• 2.4 GHz: FCC: up to 30 dBm, CE: up to 19 dBm

Power
• 12 V / 1 A consumption: 9.6 Watts Max.

Operating Temperature
• 0 – 40 °C (32 – 104 °F)

Operating Humidity
• Max. 95 % non-condensing

Certifications
• CE
• FCC

Dimensions
• 187 x 187 x 46 mm (7.3 x 7.3 x 1.8 in.)

Weight
• 456 g (16 oz.)

Warranty
• 3 year limited

Package Contents
• TEW-755AP
• 5 ft. (1.5 m) network cable
• CD-ROM (Software controller and User’s Guide)
• Quick Installation Guide
• Power adapter (12 V DC, 1 A)
• Mounting bracket