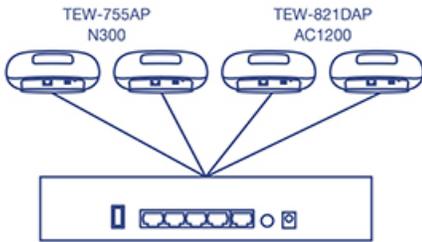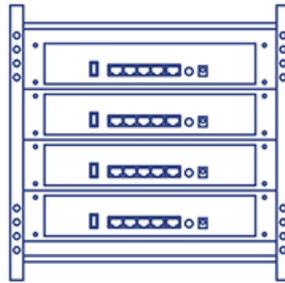# Wireless LAN Controller

TEW-WLC100 (v1.0R)

- Centralized AP management
- Built-in 5-port Gigabit Switch
- Manages up to 32 wireless access points
- Compatible with TEW-755AP, TEW-821DAP and TEW-825DAP
- Supports IEEE 802.11k radio resource management

TRENDnet's Wireless LAN Controller, model TEW-WLC100, lets you easily setup and manage access points across your network from a single interface. Intelligent radio resource manamagement ensures your mobile wifi clients have optimal roaming conditions when wirelessly transitioning between access points within the network. Simultaneously manage up to 32 access points, perform batch firmware upgrades, and monitor network connection status.
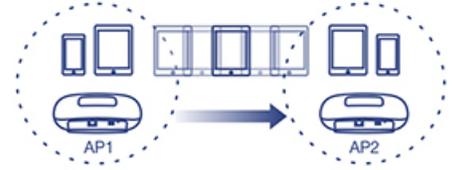
Centralized AP Management

Easily manage up to 32 access points (AP) across your wireless network
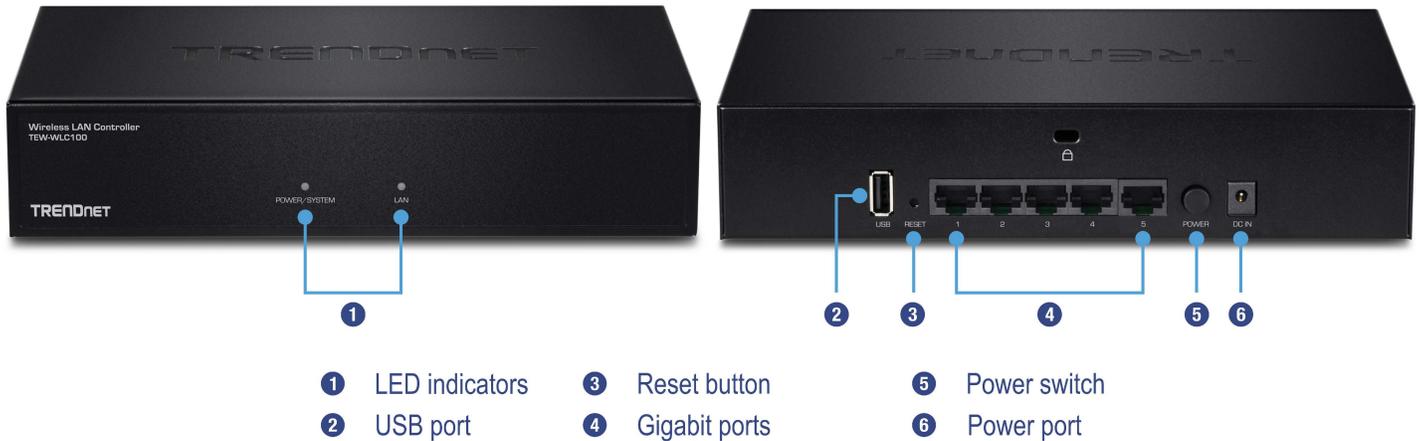
Hardware Design

Durable metal housing and rack mountable design with built-in 5-port gigabit switch

Intelligent Radio Resource Management

Intelligent radio resource manamagement ensures your mobile wifi clients have optimal roaming conditions when wirelessly transitioning between access points within the network

Networking Solution

①	LED indicators	③	Reset button	⑤	Power switch
②	USB port	④	Gigabit ports	⑥	Power port

Centralized AP Management
Easily manage up to 32 access points (AP) across your wireless network

Intelligent Radio Resource Management
Intelligent radio resource management ensures your mobile wifi clients have optimal roaming conditions when wirelessly transitioning between access points within the network

Access Point Monitoring
View the status of online users or network devices

Simultaneously Upgrade Firmware
Select multiple access points to upgrade firmware at the same time

Rack Mount Design
Standard 19" 1U design (brackets included)

Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab

Device Interface
- 5 x Gigabit ports
- 1 x USB port
- On / Off Power button
- LED indicators
- Reset button

Data Transfer Rate
- Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex)
- Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)
- Gigabit: 2000 Mbps (full duplex)

Management
- HTTP Web based GUI
- Local or online Firmware upgrade
- Internal log
- Configuration Backup / Restore
- NTP

Access Point Monitoring
- Manage up to 32 access points
- IP address, gateway, and DNS settings
- SSID / Network name
- Wireless channel
- Wireless encryption: WEP, WPA / WPA2-Personal, WPA / WPA2-Enterprise 802.1X
- 802.11 mode
- Channel width
- Transmit power
- SSID broadcast
- Bandwidth control (download limit per SSID & client, upload limit per client)
- Set RSSI scanning / threshold

- Enable / disable 802.11k radio resource management
- Enable / disable Band steering
- Access point / client statistics monitoring
- Batch configuration deployment
- Batch firmware upgrade deployment

Access Point Compatibility
- TEW-755AP (Firmware Version: 1.02 or above)
- TEW-821DAP (Firmware Version: 1.04 or above)
- TEW-825DAP (Firmware Version: 1.01 or above)

Power
- Input: 100 – 240 V AC, 50 / 60 Hz
- Output: 12V DC, 1A external power adapter
- Consumption: 12 Watts (max.)

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

Operating Humidity
- Max. 95 % non-condensing

Dimensions
- 215 x 130 x 44.45 mm (8.27 x 6.3 x 1.73 in.)
- Rack mountable 1U height

Weight
- 68 g (1.5 lbs.)

Certifications
- CE
- FCC

Warranty
- 3-year warranty

Package Contents
- TEW-WLC100
- Quick Installation Guide
- CD-ROM (User's Guide)
- Power adapter (12V DC, 1A)
- Rack mount kit

Updated: 12/6/2016