



Auranet

# Business Class Wi-Fi Solution

MODELS: EAP330/EAP320/EAP245/EAP225

EAP220/EAP120/EAP115/EAP110/EAP110-Outdoor/EAP115-Wall



EAP Controller Software



EAP330  
EAP320



EAP245 EAP225 EAP220  
EAP120 EAP115 EAP110



EAP110-Outdoor



EAP115-Wall

# Auranet Solution



MALL



OFFICE



HOTEL



CAMPUS



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EAP Controller Software

## Business-Class Wi-Fi Solution

Auranet access points provide a business-class wireless network solution that's flexible, manageable, secure, and easy-to-deploy. The free EAP Controller software allows users to manage hundreds of EAPs at multiple sites, all from a single location. The ability to control, adjust and visualize the entire network from any connected PC makes centralized business Wi-Fi management more efficient than ever before. Auranet EAPs also feature captive portal and advanced RF management functions, which make them ideal for demanding, high-traffic environments such as campuses, hotels, malls and offices.



## Highlights

### Impressive Performance:

Enterprise-class chipsets, 802.11ac Wi-Fi standard, MIMO Technology, and TurboQAM combine to ensure outstanding performance and reliability.

### Centralized Management:

The Auranet solution supports two low-cost centralized management methods:  
Auranet Controller and easy-to-use Cluster mode.

### Extensive Scalability:

With the ability to manage hundreds of access points at once, simply add more EAPs at any time to expand the network.

### Cost Efficiency:

The EAP Controller software is completely free and eliminates the need for expensive hardware controllers.

## Centralized Management

Two simple and low-cost centralized management methods are available for Auranet EAPs: multi-function Auranet Controller software and easy-to-use Cluster mode. Switch between them as required.

## 1. Advanced EAP Controller Software

**Free:** No Additional Expense

**Easy:** No Special Training Required

### Convenient, Effective Management

#### Manage Multiple Sites from a Single Location

The EAP Controller software allows network administrators to monitor and manage hundreds of Auranet EAPs at multiple sites, from any connected PC within the network. This dramatically enhances scalability and makes remote network management more convenient.



## Captive Portal - Customizable Guest Authentication

Administrators can control guest access by designing a unique authentication page and establishing a voucher system to limit the duration of use for each client.

## Scheduled Reboot

With the scheduled reboot function, Auranet EAPs can reboot themselves automatically at specified time to ensure network stability.

## Access Control

Access control allows you to maintain a list of blocked IPs, which helps to protect internal communications and private data on the network.

## Real-Time Status Monitoring

### Customized Map

The customized map feature makes managing your EAP network more convenient. You can upload floor plans and create a clear visual model that reflects your network and its coverage area.

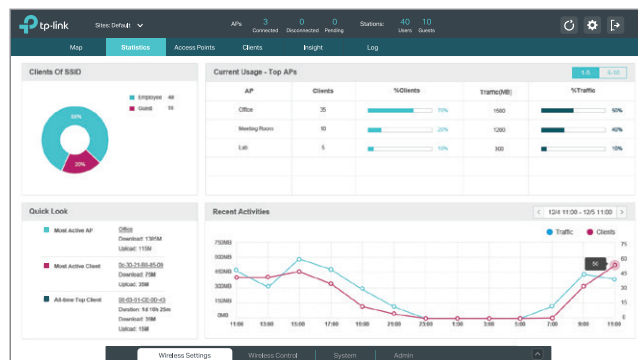


### Access Point

Provides a list of all EAPs, arranged by status, and offers real-time traffic data for each EAP, including the number of connected clients and the amount of data that each client consumes.

### Statistics

The built-in data visualization tools allow you to analyze network traffic statistics for all connected APs. Graphic representations make recent client and network traffic figures easier to understand.

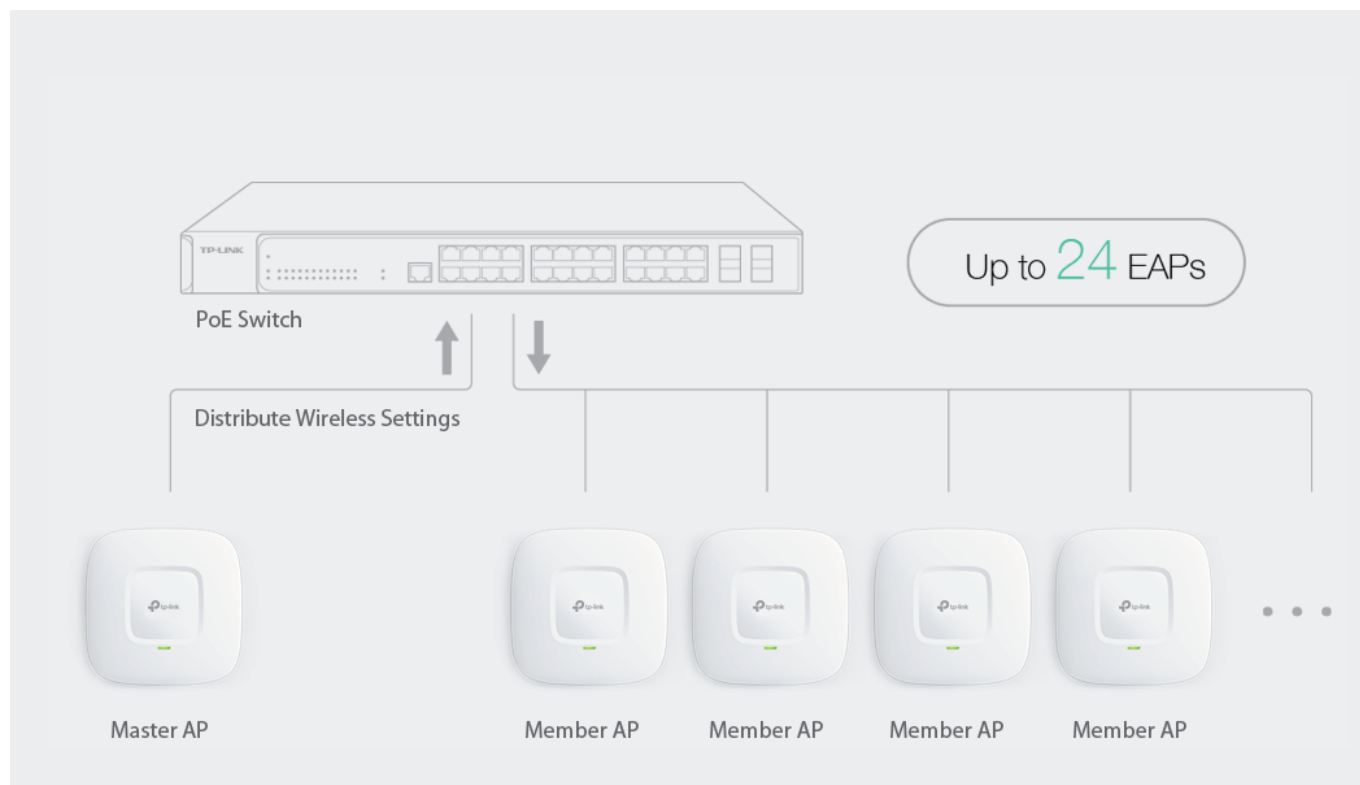


### Client

Lists all clients, including users and guests, allowing you to view each client's basic information and statistics in real time. This includes data rate, active time, and download/upload traffic.

## 2. Easy-to-Use Cluster Mode\*

Cluster mode allows you to manage up to 24 Auranet EAPs at once. A master Auranet EAP is selected automatically and the network administrator can manage the cluster via an intuitive web interface. There's no need to install additional PC software or to purchase an expensive hardware controller.



### Which is the best management method for you?

|                    | Need to install Hardware? | Need to install software? | Multi SSID | Batch Upgrade | Load Balance | Captive Portal | L3 Management | Reboot Schedule | Band Steer | Rate Limit |
|--------------------|---------------------------|---------------------------|------------|---------------|--------------|----------------|---------------|-----------------|------------|------------|
| Auranet Controller | No                        | Yes                       | ✓          | ✓             | Advanced     | Advanced       | ✓             | ✓               | ✓          | ✓          |
| Cluster            | No                        | No                        | ✓          | ✓             | Basic        | Basic          | -             | -               | -          | -          |

\*Only be supported by EAP115

## Product Features

### Easy-Mount Design

The Ceiling Mount EAP's lamp appearance and easy-mount design promote fast installation on any wall or ceiling surface, and allow it to blend in seamlessly with most interior decorating styles. The slimline, inconspicuous Wall Plate EAP can be easily installed into any standard EU-type Ethernet wall box.

### PoE Power Supply

With IEEE 802.3af/at PoE or Passive PoE, you can use Ethernet cables to transfer both electrical power and network data, making deployment more flexible and removing the need to install additional power cabling.

### Business-Class Hardware Design

Enterprise-class chipsets offer outstanding performance and support longer running time, higher client capacity and greater range. Dedicated high-power amplifiers, specialized antennas and professionally designed RF shields ensure excellent wireless performance.

### Advanced RF Management





Airtime Fairness, Beamforming, and Band Steering Technologies guarantee optimal RF performance for business-level applications.

### Easy Centralized Management







Configure and monitor hundreds of Auranet EAPs with ease using the EAP Controller software. Alternatively, Cluster mode provides a convenient management method of managing up to 24 EAPs that's similar to the way a home router is managed.

# Auranet Business Class Wi-Fi Solution

## 802.11ac Access Points

|                   |   |   |  |   |
|-------------------|---|---|--|---|
| Picture           |  |  |  |  |
| Model             | EAP330  | EAP320  | EAP245   | EAP225  |
| Product           | AC1900 Wireless Dual Band Gigabit Access Point                                    | AC1200 Wireless Dual Band Gigabit Access Point                                    | AC1750 Wireless Dual Band Gigabit Access Point                                     | AC1200 Wireless Dual Band Gigabit Access Point                                      |
| Speed             | 2.4GHz: 600Mbps<br>5GHz: 1300Mbps   | 2.4GHz: 300Mbps<br>5GHz: 867Mbps  | 2.4GHz: 450Mbps<br>5GHz: 1300Mbps  | 2.4GHz: 300Mbps<br>5GHz: 867Mbps  |
| Ethernet Port     | 2 Gigabit Ports   | 1 Gigabit Port  | 1 Gigabit Port   | 1 Gigabit Port  |
| PoE               | 802.3at   | 802.3at   | 802.3at  | 802.3af   |
| Internal Antennas | 2.4GHz: 3x6dBi<br>5GHz: 3x7dBi  | 2.4GHz: 2x5dBi<br>5GHz: 2x6dBi  | 2.4GHz: 3x4dBi<br>5GHz: 3x4dBi   | 2.4GHz: 2x4dBi<br>5GHz: 2x4dBi  |

## 802.11n Access Points

|                   |   |   |   |  |   |   |
|-------------------|---|---|---|--|---|---|
| Picture           |  |  |  |  |  |  |
| Model             | EAP220  | EAP120  | EAP115  | EAP110   | EAP110-Outdoor  | EAP115-Wall   |
| Product           | N600 Wireless Dual Band Gigabit Access Point  | 300Mbps Wireless N Gigabit Access Point   | 300Mbps Wireless N Access Point   | 300Mbps Wireless N Access Point  | 300Mbps Wireless N Outdoor Access Point   | 300Mbps Wireless N Wall-Plate Access Point  |
| Speed             | 2.4GHz: 300Mbps<br>5GHz: 300Mbps  | 2.4GHz: 300Mbps   | 2.4GHz: 300Mbps   | 2.4GHz: 300Mbps  | 2.4GHz: 300Mbps   | 2.4GHz: 300Mbps   |
| Ethernet Port     | 1 Gigabit Port  | 1 Gigabit Port  | 1 10/100Mbps Ethernet Port  | 1 10/100Mbps Ethernet Port   | 1 10/100Mbps Ethernet Port  | 2 10/100Mbps Ethernet Ports   |
| PoE               | 802.3af   | 802.3af   | 802.3af   | Passive PoE  | Passive PoE   | 802.3af   |
| Internal Antennas | 4x4dBi  | 2x4dBi  | 2x3dBi  | 2x3dBi   | 2x5dBi (External Detachable)  | 2x1.8dBi  |

# Specifications

| 802.11ac Indoor Access Points |                               |  |   |
|-------------------------------|-------------------------------|--|---|
| Model                         |                               | EAP330   | EAP320  |
| Name                          |                               | AC1900 Wireless Dual Band Gigabit Access Point   | AC1200 Wireless Dual Band Gigabit Access Point  |
| Main Design                   | LAN Interfaces                | Gigabit Ethernet (RJ-45) Port *2   | Gigabit Ethernet (RJ-45) Port *1  |
|                               | Wi-Fi Standards               | IEEE 802.11a/b/g/n/ac  |   |
|                               | Maximum Data Rate             | Up to 600Mbps (2.4GHz) + 1300Mbps (5GHz)   | Up to 300 Mbps (2.4GHz) + 867Mbps (5GHz)  |
|                               | Internal Antennas             | 2.4GHz: 3 * 6dBi, 5GHz: 3 * 7dBi   | 2.4GHz: 2 * 5dBi, 5GHz: 2 * 6dBi  |
|                               | Transmit Power                | CE: <20dBm (2.4GHz), <23dBm (5GHz)<br>FCC: <27dBm  |   |
|                               | Power over Ethernet (PoE)     | IEEE 802.3at   |   |
| Centralized Management        | EAP Controller Software       | •  |   |
|                               | Web-based Management          | HTTP/HTTPS   |   |
| Security                      | Captive Portal Authentication | •  |   |
|                               | Access Control                | •  |   |
|                               | Rogue AP Detection            | •  |   |
|                               | Wireless Encryption           | WEP, WPA/WPA2-Personal/Enterprise Encryption   |   |
|                               | 802.1X Support                | •  |   |
| Wireless Function             | Multiple SSIDs                | 16 (8 on each radio)   |   |
|                               | Automatic Channel Assignment  | •  |   |
|                               | QoS(WMM)                      | •  |   |
|                               | Airtime Fairness              | •  |   |
|                               | Beamforming                   | •  |   |
|                               | Band Steering                 | •  |   |
|                               | Rate Limit                    | •  |   |
|                               | Load Balance                  | •  |   |
|                               | Reboot Schedule               | •  |   |
|                               | Wireless Schedule             | •  |   |
| Supported Data Rates          | 802.11ac                      | 5GHz: 6.5 Mbps to 1300Mbps (MCS0-MCS9, NSS = 1 to 3 VHT20/40/80)<br>2.4GHz(QAM256): 78Mbps to 600Mbps (MCS8-MCS9 VHT20/40, NSS=1 to 3)   | 5GHz: 6.5 Mbps to 867Mbps (MCS0-MCS9, NSS = 1 to 3 VHT20/40/80)<br>2.4GHz(QAM256): 78Mbps to 300Mbps (MCS8-MCS9 VHT20/40, NSS=1 to 3) |
|                               | 802.11n                       | 6.5 Mbps to 300 Mbps (MCS0 - MCS15, VHT 20/40)   |   |
|                               | 802.11g                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  |   |
|                               | 802.11b                       | 1, 2, 5.5, 11 Mbps   |   |
|                               | 802.11a                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  |   |
| Physical Properties           | Power Supply                  | PoE (802.3at-compliant, 36-57V 0.7A) or external 12VDC/2.5A power supply   | PoE (802.3at-compliant, 36-57V 0.7A) or external 12VDC/1.5A power supply  |
|                               | Maximum Power Consumption     | 17.7W  | 14.03W  |
|                               | Mounting                      | Ceiling/Wall mounting (Kits included)  |   |
|                               | Certifications                | CE, FCC, RoHS  |   |
|                               | Dimensions (W x D x H)        | 8.7 x 7.6 x 1.4in. (220.5 x 193.5x 36.5 mm)  |   |
|                               | Environment                   | Operating Temperature: 0°C~40°C (32°F~104°F);<br>Storage Temperature: -40°C~70°C (-40°F~158°F);<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% non-condensing; |   |



## 802.11ac Indoor Access Points

|                        |                               |  |   |
|------------------------|-------------------------------|--|---|
| Model                  |                               | EAP245   | EAP225  |
| Name                   |                               | AC1750 Wireless Dual Band Gigabit Access Point   | AC1200 Wireless Dual Band Gigabit Access Point  |
| Main Design            | LAN Interfaces                | Gigabit Ethernet (RJ-45)Port*1   |   |
|                        | Wi-Fi Standards               | IEEE 802.11a/b/g/n/ac  |   |
|                        | Maximum Data Rate             | Up to 450 Mbps (2.4GHz) + 1300Mbps (5GHz)  | Up to 300 Mbps (2.4GHz) + 867Mbps (5GHz)  |
|                        | Internal Antennas             | 2.4GHz: 3 * 4dBi, 5GHz: 3 * 4dBi   | 2.4GHz: 2 * 4dBi, 5GHz: 2 * 4dBi  |
|                        | Transmit Power                | CE: <20dBm (2.4GHz), <23dBm (5GHz)<br>FCC: <27dBm(2.4GHz&5GHz)   |   |
|                        | Power over Ethernet (PoE)     | IEEE 802.3at   | IEEE 802.3af  |
| Centralized Management | EAP Controller Software       | •  |   |
| Security               | Captive Portal Authentication | •  |   |
|                        | Access Control                | •  |   |
|                        | Rogue AP Detection            | •  |   |
|                        | Wireless Encryption           | WEP, WPA/WPA2-Personal/Enterprise Encryption   |   |
|                        | 802.1X Support                | •  |   |
| Wireless Function      | Multiple SSIDs                | 16 (8 on each radio)   |   |
|                        | Automatic Channel Assignment  | •  |   |
|                        | QoS(WMM)                      | •  |   |
|                        | Airtime Fairness              | -  |   |
|                        | Beamforming                   | -  |   |
|                        | Band Steering                 | •  |   |
|                        | Rate Limit                    | •  |   |
|                        | Load Balance                  | •  |   |
|                        | Reboot Schedule               | •  |   |
|                        | Wireless Schedule             | •  |   |
| Supported Data Rates   | 802.11ac                      | 5G:6.5 Mbps to 1300Mbps(MCS0-MCS9,NSS = 1 to 2 VHT20/40/80)<br>2.4G:78Mbps to 450Mbps (MCS8-MCS9 VHT20/40,NSS=1 to 3)  | 5G:6.5 Mbps to 867Mbps(MCS0-MCS9,NSS = 1 to 2 VHT20/40/80)<br>2.4G:78Mbps to 300Mbps (MCS8-MCS9 VHT20/40, NSS=1 to 3) |
|                        | 802.11n                       | 6.5 Mbps to 450Mbps (MCS0-MCS15,VHT20/40)  | 6.5 Mbps to 300 Mbps (MCS0 - MCS15, VHT 20/40)  |
|                        | 802.11g                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  |   |
|                        | 802.11b                       | 1, 5.5, 11Mbps   |   |
|                        | 802.11a                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  |   |
| Physical Properties    | Power Supply                  | PoE (802.3at-compliant, 36-57V 0.4A) or external 12VDC/1.5A power supply   | PoE (802.3af-compliant, 36-57V 0.4A) or external 12VDC/1.5A power supply  |
|                        | Maximum Power Consumption     | 12.7W  | 10.15W  |
|                        | Mounting                      | Ceiling/Wall mounting (Kits included)  |   |
|                        | Certifications                | CE, FCC, RoHS  |   |
|                        | Dimensions (W x D x H)        | 7.1 x 7.1 x 1.9in.(180 x 180 x 47.5mm)   |   |
|                        | Environment                   | Operating Temperature: 0°C~40°C (32°F~104°F);<br>Storage Temperature: -40°C~70°C (-40°F~158°F);<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% non-condensing; |   |

## 802.11n Indoor Access Points

|                        |                               |  |   |
|------------------------|-------------------------------|--|---|
| Model                  |                               | EAP220   | EAP120                                  |
| Name                   |                               | N600 Wireless Dual Band Gigabit Access Point   | 300Mbps Wireless N Gigabit Access Point |
| Main Design            | LAN Interfaces                | Gigabit Ethernet (RJ-45) Port *1   |   |
|                        | Wireless Frequency            | 2.4GHz and 5GHz  | 2.4GHz                                  |
|                        | Wi-Fi Standards               | IEEE 802.11a/b/g/n   | IEEE 802.11b/g/n                        |
|                        | Maximum Data Rate             | Up to 300 + 300 Mbps   | Up to 300 Mbps                          |
|                        | Internal Antennas             | 4 * 4dBi   | 2 * 4dBi                                |
|                        | Transmit Power                | CE: <20dBm<br>FCC: <26dBm (2.4GHz), <20dBm (5GHz)  |   |
|                        | Power over Ethernet (PoE)     | IEEE 802.3af   |   |
| Centralized Management | EAP Controller Software       | •  |   |
| Security               | Captive Portal Authentication | •  |   |
|                        | Access Control                | •  |   |
|                        | Rogue AP Detection            | •  |   |
|                        | Wireless Encryption           | WEP, WPA/WPA2-Personal/Enterprise Encryption   |   |
|                        | 802.1X Support                | •  |   |
| Wireless Function      | Multiple SSIDs                | 16 (8 on each radio)   | 8                                       |
|                        | Automatic Channel Assignment  | •  |   |
|                        | QoS(WMM)                      | •  |   |
|                        | Airtime Fairness              | -  |   |
|                        | Beamforming                   | -  |   |
|                        | Band Steering                 | •  | -                                       |
|                        | Rate Limit                    | •  |   |
|                        | Load Balance                  | •  |   |
|                        | Reboot Schedule               | •  |   |
|                        | Wireless Schedule             | •  |   |
| Supported Data Rates   | 802.11n                       | 6.5 Mbps to 300 Mbps (MCS0 - MCS15, VHT 20/40)   |   |
|                        | 802.11g                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  |   |
|                        | 802.11b                       | 1, 2, 5.5, 11 Mbps   |   |
|                        | 802.11a                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  | -                                       |
| Physical Properties    | Power Supply                  | PoE or external 12V/1.5A power supply  | PoE or external 12V/1A power supply     |
|                        | Maximum Power Consumption     | 7.95W  | 4.34W                                   |
|                        | Mounting                      | Ceiling/Wall mounting (Kits included)  |   |
|                        | Certifications                | CE, FCC, RoHS  |   |
|                        | Dimensions (W x D x H)        | 7.1 x 7.1 x 1.9in. (180 x 180 x 47.5 mm)   |   |
|                        | Environment                   | Operating Temperature: 0°C~40°C (32°F~104°F);<br>Storage Temperature: -40°C~70°C (-40°F~158°F);<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% non-condensing; |   |

## 802.11n Indoor Access Points

| Model                  |                               | EAP115   | EAP110                          |
|------------------------|-------------------------------|--|---------------------------------|
| Name                   |                               | 300Mbps Wireless N Access Point  | 300Mbps Wireless N Access Point |
| Main Design            | LAN Interfaces                | 10/100Mbps Ethernet Port*1   |                                 |
|                        | Wireless Frequency            | 2.4GHz   |                                 |
|                        | Wi-Fi Standards               | IEEE802.11b/g/n  |                                 |
|                        | Maximum Data Rate             | 300 Mbps   |                                 |
|                        | Internal Antennas             | 2 * 3dBi   |                                 |
|                        | Transmit Power                | CE: <20dBm, FCC: <26dBm  | CE: <20dBm, FCC: <26dBm         |
|                        | Power over Ethernet (PoE)     | IEEE 802.3af   | 24V Passive PoE                 |
| Centralized Management | EAP Controller Software       | •  |                                 |
|                        | Cluster                       | •  | -                               |
| Security               | Captive Portal Authentication | •  |                                 |
|                        | Access Control                | •  |                                 |
|                        | Rogue AP Detection            | •  |                                 |
|                        | Wireless Encryption           | WEP, WPA/WPA2-Personal/Enterprise Encryption   |                                 |
|                        | 802.1X Support                | •  |                                 |
| Wireless Function      | Multiple SSIDs                | 8  |                                 |
|                        | Automatic Channel Assignment  | •  |                                 |
|                        | QoS(WMM)                      | •  |                                 |
|                        | Airtime Fairness              | -  |                                 |
|                        | Beamforming                   | -  |                                 |
|                        | Band Steering                 | -  |                                 |
|                        | Rate Limit                    | •  |                                 |
|                        | Load Balance                  | •  |                                 |
|                        | Reboot Schedule               | •  |                                 |
|                        | Wireless Schedule             | •  |                                 |
| Supported Data Rates   | 802.11n                       | 6.5 Mbps to 300 Mbps (MCS0 - MCS15, VHT 20/40)   |                                 |
|                        | 802.11g                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps  |                                 |
|                        | 802.11b                       | 1, 2, 5.5, 11 Mbps   |                                 |
|                        | 802.11a                       | -  |                                 |
| Physical Properties    | Power Supply                  | PoE (802.3af-compliant, 36-57V 0.15A) or external 12VDC/1.0A power supply  | 24VDC/1A Passive PoE Supply     |
|                        | Maximum Power Consumption     | 5W   | 6.55W                           |
|                        | Mounting                      | Ceiling/Wall mounting (Kits included)  |                                 |
|                        | Certifications                | CE, FCC, RoHS  |                                 |
|                        | Dimensions (W x D x H)        | 7.1 x 7.1 x 1.9in. (180 x 180 x 47.5 mm)   |                                 |
|                        | Environment                   | Operating Temperature: 0°C~40°C (32°F~104°F);<br>Storage Temperature: -40°C~70°C (-40°F~158°F);<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% non-condensing; |                                 |

## 802.11n Outdoor Access Points

|                        |                                    |   |
|------------------------|------------------------------------|---|
| Model                  |                                    | EAP110-Outdoor  |
| Name                   |                                    | 300Mbps Wireless N Outdoor Access Point   |
| Main Design            | LAN Interfaces                     | 10/100Mbps Ethernet Port*1  |
|                        | Wireless Frequency                 | 2.4GHz  |
|                        | Wi-Fi Standards                    | IEEE 802.11b/g/n  |
|                        | Maximum Data Rate                  | Up to 300Mbps   |
|                        | Antennas                           | 2x5dBi External Waterproof Antennas   |
|                        | Transmit Power                     | CE: <20dBm, FCC: <27dBm   |
|                        | Power over Ethernet (PoE)          | 24V Passive PoE   |
| Centralized Management | EAP Controller Software            | •   |
| Security               | Captive Portal Authentication      | •   |
|                        | Access Control                     | •   |
|                        | Wireless MAC Address Filtering     | •   |
|                        | Wireless Isolation Between Clients | •   |
|                        | SSID to VLAN Mapping               | •   |
|                        | Rogue AP Detection                 | •   |
|                        | WEP Encryption                     | 64/128/152-bit  |
|                        | WPA/WPA2-Personal Encryption       | •   |
|                        | WPA/WPA2-Enterprise Encryption     | •   |
|                        | 802.1X Support                     | •   |
| Wireless Function      | Multiple SSIDs                     | 8   |
|                        | Enable/Disable Wireless Radio      | •   |
|                        | Automatic Channel Assignment       | •   |
|                        | Transmit Power Control             | Adjust transmit Power on dBm  |
|                        | QoS(WMM)                           | •   |
|                        | Rate Limit                         | •   |
|                        | Load Balance                       | •   |
|                        | Reboot Schedule                    | •   |
|                        | Wireless Schedule                  | •   |
|                        | Wireless Statistics                | Based on SSID/API/Client  |
| Supported Data Rates   | 802.11n                            | 6.5 Mbps to 300Mbps (MCS0-MCS15,VHT20/40)   |
|                        | 802.11g                            | 6, 9, 12, 18, 24, 36, 48, 54 Mbps   |
|                        | 802.11b                            | 1, 5.5, 11 Mbps   |
|                        | 802.11a                            | -   |
| Management             | LED ON/OFF Control                 | •   |
|                        | Management MAC Access Control      | •   |
|                        | Web-based Management               | HTTP/HTTPS  |
|                        | Telnet                             | •   |
|                        | SNMP                               | v1,v2c  |
|                        | System Logging                     | Local/Remote Syslog   |
|                        | Email Alerts                       | •   |
| Physical Properties    | Power Supply                       | 24V/0.6A Passive PoE  |
|                        | Maximum Power Consumption          | 6.3W  |
|                        | Button                             | Reset Button  |
|                        | Watch Dog                          | •   |
|                        | Mounting                           | Pole/Wall mounting (Kits included)  |
| Others                 | Certifications                     | CE, RoHS  |
|                        | Dimensions (W x D x H)             | 8.2 x 3.7 x 1.7 in. (209 x 95 x 42.6 mm)  |
|                        | System Requirements                | Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 10   |
|                        | Environment                        | Operating Temperature: -30°C~65°C (-22°F~149°F);<br>Storage Temperature: -40°C~70°C (-40°F~158°F);<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% non-condensing; |



## 802.11n Wall-Plate Access Points

|                        |                                    |  |
|------------------------|------------------------------------|--|
| Model                  |                                    | EAP115-Wall  |
| Name                   |                                    | 300Mbps Wireless N Wall-Plate Access Point   |
| Main Design            | LAN Interfaces                     | 10/100Mbps Ethernet Port *2  |
|                        | Wireless Frequency                 | 2.4GHz   |
|                        | Wi-Fi Standards                    | IEEE 802.11 b/g/n  |
|                        | Maximum Data Rate                  | Up to 300Mbps  |
|                        | Antennas                           | 2*1.8dBi   |
|                        | Transmit Power                     | CE: <15dBm   |
|                        | Power over Ethernet (PoE)          | IEEE 802.3af   |
| Centralized Management | Cluster                            | -  |
|                        | Max APs in One Cluster             | -  |
|                        | Web-Based Management               | HTTP/HTTPS   |
|                        | EAP Controller Software            | •  |
| Security               | Captive Portal Authentication      | •  |
|                        | Access Control                     | •  |
|                        | Wireless MAC Address Filtering     | •  |
|                        | Wireless Isolation Between Clients | •  |
|                        | SSID to VLAN Mapping               | •  |
|                        | Rogue AP Detection                 | •  |
|                        | 802.1X Support                     | •  |
|                        | Encryption                         | WEP, WPA/WPA2-PSK, WPA/WPA2-Enterprise   |
| Wireless Function      | Multiple SSIDs                     | 8  |
|                        | Automatic Channel Assignment       | •  |
|                        | Transmit Power Control             | Adjust transmit Power on dBm   |
|                        | QoS(WMM)                           | •  |
|                        | Airtime Fairness                   | -  |
|                        | Band Steering                      | -  |
|                        | Beamforming                        | -  |
|                        | Rate Limit                         | •  |
|                        | Load Balance                       | •  |
|                        | Reboot Schedule                    | •  |
|                        | Wireless Schedule                  | •  |
| Supported Data Rates   | 802.11n                            | 6.5Mbps to 300Mbps(MCS0-MCS15, HT20/40)  |
|                        | 802.11g                            | 6,9,12,18,24,36,48,54Mbps  |
|                        | 802.11b                            | 1,2,5.5,11Mbps   |
|                        | 802.11a                            | -  |
| Management             | LED ON/OFF Control                 | •  |
|                        | Management MAC Access Control      | •  |
|                        | Web-based Management               | •  |
|                        | Telnet                             | •  |
|                        | SNMP                               | v1,v2c   |
|                        | System Logging                     | Local/Remote Syslog  |
|                        | Email Alerts                       | •  |
| Physical Properties    | Power Supply                       | IEEE 802.3af PoE   |
|                        | Maximum Power Consumption          | 2.8W   |
|                        | Mounting                           | Wall Plate Mounting  |
| Others                 | Certifications                     | CE, RoHS   |
|                        | Dimensions (W x D x H)             | 3.4 x 3.4 x 1.2 in. (86.8 x 86.8 x 30.2 mm)  |
|                        | Environment                        | Operating Temperature: 0°C~40°C (32°F~104°F);<br>Storage Temperature: -40°C~70°C (-40°F~158°F);<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% non-condensing; |

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