



# Omada

## Business Class Wi-Fi Solution

MODELS: EAP330/EAP320/EAP245/EAP225/EAP225-Outdoor

EAP115/EAP110/EAP110-Outdoor/EAP115-Wall/EAP225-Wall



Omada Controller Software



EAP330  
EAP320  
EAP225 V3  
EAP115  
EAP110



EAP245



EAP225-Outdoor  
EAP110-Outdoor



EAP115-Wall



EAP225-Wall

# Omada Business Class Wi-Fi Solution

## 802.11ac Access Points

|                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Picture           |  |  |  |  |  |  |
| Model             | EAP330                                                                            | EAP320                                                                            | EAP245                                                                            | EAP225 V3                                                                          | EAP225-Outdoor                                                                      | EAP225-Wall                                                                         |
| Product           | AC1900 Wireless Dual Band Gigabit Access Point                                    | AC1200 Wireless Dual Band Gigabit Access Point                                    | AC1750 Wireless Dual Band Gigabit Access Point                                    | AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point                         | AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point                         | AC1200 Wireless MU-MIMO Wall Plate Access Point                                     |
| Speed             | 2.4GHz: 600Mbps<br>5GHz: 1300Mbps                                                 | 2.4GHz: 300Mbps<br>5GHz: 867Mbps                                                  | 2.4GHz: 450Mbps<br>5GHz: 1300Mbps                                                 | 2.4GHz: 450Mbps<br>5GHz: 867Mbps                                                   | 2.4GHz: 300Mbps<br>5GHz: 867Mbps                                                    | 2.4GHz: 300Mbps;<br>5GHz: 867Mbps                                                   |
| Ethernet Port     | 2 Gigabit Ports                                                                   | 1 Gigabit Port                                                                    | 1 Gigabit Port                                                                    | 1 Gigabit Port                                                                     | 1 Gigabit Port                                                                      | Ethernet Port:<br>4 10/100Mbps Ethernet ports                                       |
| Power Supply      | 802.3at PoE +                                                                     | 802.3at PoE +                                                                     | 802.3at PoE +                                                                     | 802.3af & 24V Passive PoE                                                          | 802.3af & 24V Passive PoE                                                           | 802.3af/at                                                                          |
| Internal Antennas | 2.4GHz: 3x6dBi<br>5GHz: 3x7dBi                                                    | 2.4GHz: 2x5dBi<br>5GHz: 2x6dBi                                                    | 2.4GHz: 3x4dBi<br>5GHz: 3x4dBi                                                    | 2.4GHz: 3x4dBi<br>5GHz: 2x5dBi                                                     | 2 Dual-Band Omni Antennas<br>2.4GHz: 2*3dBi<br>5GHz: 2*4dBi                         | 2.4GHz: 2x3dBi<br>5GHz: 2x4dBi                                                      |

## 802.11n Access Points

|                   |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Picture           |  |  |  |  |
| Model             | EAP115                                                                              | EAP110                                                                              | EAP110-Outdoor                                                                        | EAP115-Wall                                                                           |
| Product           | 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                                                                     | 2.4GHz: 300Mbps                                                                     | 2.4GHz: 300Mbps                                                                       | 2.4GHz: 300Mbps                                                                       |
| Ethernet Port     | 1 10/100Mbps Ethernet Port                                                          | 1 10/100Mbps Ethernet Port                                                          | 1 10/100Mbps Ethernet Port                                                            | 2 10/100Mbps Ethernet Ports                                                           |
| Power Supply      | 802.3af & 9V/0.6A DC                                                                | 24V Passive PoE                                                                     | 24V Passive PoE                                                                       | 802.3af                                                                               |
| Internal Antennas | 2x4dBi                                                                              | 2x4dBi                                                                              | 2x3dBi (External Detachable)                                                          | 2x1.8dBi                                                                              |

## 802.11ac Outdoor Access Points

|                        |                                    |                                                                                                                                                                                           |
|------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  |                                    | EAP225-Outdoor                                                                                                                                                                            |
| Name                   |                                    | AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point                                                                                                                               |
| Main Design            | LAN Interfaces                     | Gigabit Ethernet(RJ-45) Port*1                                                                                                                                                            |
|                        | Wireless Frequency                 | 2.4GHz/5GHz                                                                                                                                                                               |
|                        | Wi-Fi Standards                    | IEEE 802.11a/b/g/n/ac                                                                                                                                                                     |
|                        | Maximum Data Rate                  | Up to 300Mbps(2.4GHz)+867Mbps(5GHz)                                                                                                                                                       |
|                        | Antennas                           | 2 Dual-Band Omni Antennas (2.4G: 3dBi, 5G: 4dBi)                                                                                                                                          |
|                        | Transmit Power                     | CE: < 20dBm (2.4GHz, EIRP), <25dBm (5GHz, EIRP)<br>FCC: <23dBm (2.4GHz), <22dBm (5GHz)                                                                                                    |
| Centralized Management | Omada 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                     | 16 (8 for each band)                                                                                                                                                                      |
|                        | Enable/Disable Wireless Radio      | •                                                                                                                                                                                         |
|                        | Automatic Channel Assignment       | •                                                                                                                                                                                         |
|                        | Transmit Power Control             | Adjust transmit Power on dBm                                                                                                                                                              |
|                        | QoS(WMM)                           | •                                                                                                                                                                                         |
|                        | MU-MIMO                            | •                                                                                                                                                                                         |
|                        | Airtime Fairness                   | •                                                                                                                                                                                         |
|                        | Beamforming                        | •                                                                                                                                                                                         |
|                        | Band Steering                      | •                                                                                                                                                                                         |
|                        | Rate Limit                         | •                                                                                                                                                                                         |
|                        | Load Balance                       | •                                                                                                                                                                                         |
|                        | Reboot Schedule                    | •                                                                                                                                                                                         |
|                        | Wireless Schedule                  | •                                                                                                                                                                                         |
|                        | Wireless Statistics                | Based on SSID/AP/Client                                                                                                                                                                   |
| Support 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                            | 6, 9, 12, 18, 24, 36, 48, 54 Mbps                                                                                                                                                         |
|                        | 802.11ac                           | 5G: 6.5 Mbps to 867Mbps (MCS0-MCS9, NSS=1 to 2 VHT20/40/80)                                                                                                                               |
|                        |                                    | 2.4G: 78 Mbps to 300Mbps (MCS8-MCS9, NSS=1 to 3 VHT20/40)                                                                                                                                 |
| Physical Properties    | Power Supply                       | 802.3af/A PoE or 24V Passive PoE(+4,5pins; -7,8pins. PoE Adapter Included)                                                                                                                |
|                        | Maximum Power Consumption          | 10.5W                                                                                                                                                                                     |
|                        | Mounting                           | Pole / Wall /Fast Mounting( Kits included)                                                                                                                                                |
|                        | Certifications                     | CE, FCC, RoHS                                                                                                                                                                             |
|                        | Dimensions (W x D x H)             | 214.9 x 46 x 26.7mm                                                                                                                                                                       |
|                        | Environment                        | Operating Temperature: -30°C~70°C (-22°F~158°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 |