

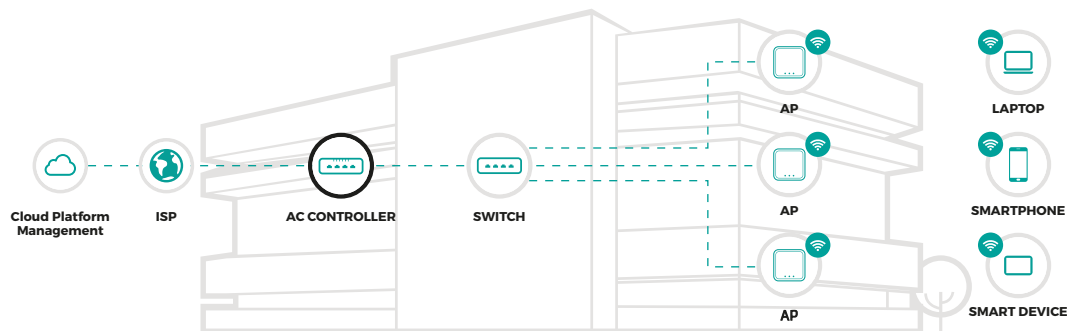
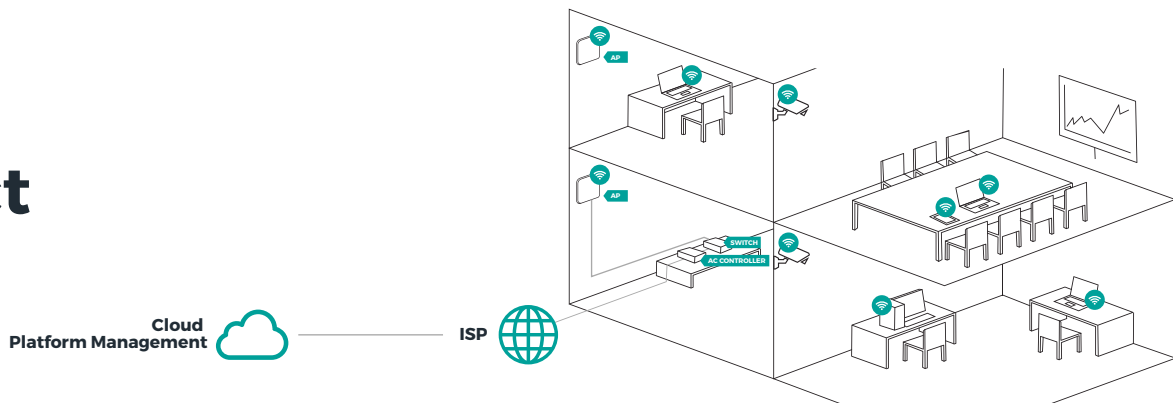


**Access Point Outdoor Managed
Dual Band 1200Mbps PoE48V**

WL-APODB1200P48-083



Easy Connect



Technical Specification

| | | | | |
|-------------------|---|-----------|---------|-----------|
| Chipset | QCA9563+ QCA9886 | | | |
| DRAM | DDR2 128MByte | | | |
| FLASH | 16MByte | | | |
| IC | 2.4G SiGe2576L x 2 / 5.8G SKY8578 x 2 | | | |
| Port | 10/100/1000Mbps LAN x 1 | | | |
| Speed 2.4G | 300Mbps | | | |
| Speed 5.8G | 867Mbps | | | |
| Transmission mode | DSSS | | | |
| Modulation | OFDM/256-QAM/64-QAM/16-QAM/QPSK/BPSK | | | |
| Standard | IEEE802.11a,IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u,IEEE802.11ac IEEE802.3af,IEEE802.3at | | | |
| Protocol | CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5 | | | |
| Channel | 2.4G 2412Mhz~2472Mhz / 5.8G 5180Mhz~5825Mhz | | | |
| Power Dissipation | ≤ 9W | | | |
| Power | POE 48V 0.5A | | | |
| RF @25°C±2dB 2.4G | 802.11b | 27±2dBm | | |
| | 802.11g | 6-24Mbps | 26±2dBm | |
| | | 36-48Mbps | 25±2dBm | |
| | | 54Mbps | 24±2dBm | |
| | 802.11n | HT20 | MCS 7 | 22±2dBm |
| | | HT40 | MCS 7 | 22±2dBm |
| 802.11a | 6-24Mbps | 26±2dBm | | |
| | 36-48Mbps | 25±2dBm | | |
| | 54Mbps | 24±2dBm | | |
| RF @25°C±2dB 5.8G | 802.11ac | HT20 | MCS 0-3 | 26±2dBm |
| | | | MCS 4 | 25±2dBm |
| | | | MCS 5 | 24.5±2dBm |
| | | | MCS 6 | 24±2dBm |
| | | | MCS 7 | 23.5±2dBm |

| | | | | |
|-------------------|-----------------------|--------------------------------|----------------------|-----------|
| RF @25°C±2dB 5.8G | 802.11ac | HT40 | MCS 0-3 | 25±2dBm |
| | | | MCS 4 | 24.5±2dBm |
| | | | MCS 5 | 24±2dBm |
| | | | MCS 6 | 23.5±2dBm |
| | HT80 | MCS 0-3 | 18±2dBm | |
| | | MCS 4 | 18±2dBm | |
| | | MCS 5 | 18±2dBm | |
| | | MCS 6 | 18±2dBm | |
| MCS 7 | MCS 7 | 16±2dBm | | |
| | | | | |
| | | | | |
| | | | | |
| Sensitivity 2.4G | IEEE 802.11b | 11Mbps ≤ -85dBm | | |
| | IEEE 802.11g | 54Mbps ≤ -70dBm | | |
| | 802.11n | HT20 | MCS 7 ≤ -65dBm | |
| | | HT40 | MCS 7 ≤ -62dBm | |
| Sensitivity 5.8G | 802.11a | 6Mbps ≤ -89; 54Mbps ≤ -73 | | |
| | 802.11ac | HT20 | MCS 0≤-94; MCS 7≤-76 | |
| | | HT40 | MCS 0≤-92; MCS 7≤-76 | |
| | | HT80 | MCS 0≤-90; MCS 7≤-67 | |
| Antenna | Type N connection | | | |
| Management | WEB Management | Yes | | |
| | Telnet | Yes | | |
| | Serial | Yes | | |
| Security | Security | WEP 64/128bits,WPA,WPA2,802.1x | | |
| Operation | Operating Temperature | -30~65°C | | |
| | Storage Temperature | -50~80°C | | |
| Condition | Humidity | ≤95%(Non-condensed) | | |
| Size | 205 x 205 x 132,3 mm | | | |

