



Cisco Meraki MR36 Cloud Managed Wireless Access Point Device+Enterprise License-1YR

Product Specification

Brand	Cisco
Series	Meraki
Model	MR36
Type	Cloud-managed Wi-Fi 6 Access Point Device
Radios	2.4 GHz 802.11b/g/n/ax client access radio 5 GHz 802.11a/n/ac/ax client access radio 2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio 2.4 GHz Bluetooth Low Energy (BLE) radio with Beacon and BLE scanning support
Supported frequency bands	2.412-2.484 GHz 5.150-5.250 GHz (UNII-1) 5.250-5.350 GHz (UNII-2) 5.470-5.600, 5.660-5.725 GHz (UNII-2e) 5.725 -5.825 GHz (UNII-3)
802.11ax, 802.11ac Wave 2 and 802.11n Capabilities	DL-OFDMA**, UL-OFDMA**, TWT support**, BSS Coloring** 2 x 2 multiple input, multiple output (MIMO) with two spatial streams SU-MIMO, UL MU-MIMO** and DL MU-MIMO support Maximal ratio combining (MRC) & beamforming 20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax) Up to 1024-QAM on both 2.4 GHz & 5 GHz bands
Mounting	All standard mounting hardware included Desktop, ceiling, and wall mount capable Ceiling tile rail (9/16, 15/16 or 1 1/2" flush or recessed rails), assorted cable junction boxes Bubble level on mounting cradle for accurate horizontal wall mounting
Antenna	Internal Antenna (5.4 dBi gain at 2.4 GHz, 6 dBi gain at 5 GHz)
Interfaces	1x 10/100/1000 BASE-T Ethernet (RJ45) 1x DC power connector (5.5 mm x 2.5 mm, center positive)

Security	Integrated Layer 7 firewall with mobile device policy management Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal Flexible guest access with device isolation VLAN tagging (802.1q) and tunneling with IPsec VPN PCI compliance reporting WEP***, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X, WPA3 - Personal**, WPA3 - Enterprise**, WPA3 - Enhanced Open (OWE)** EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM TKIP and AES encryption Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration Cisco ISE integration for Guest access and BYOD Posturing
LED Indicators	1 power/booting/firmware upgrade status
Power	Power over Ethernet: 37 - 57 V (802.3af compatible) Alternative: 12 V DC input Power consumption: 15W max (802.3af). Note: actual power consumption may vary depending on the AP usage Power over Ethernet injector and DC adapter sold separately
Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Operating Humidity	5 to 95% non-condensing
Operating Altitude	Up to 40,000 feet (12,192 meters)