

Datasheet

6GHz AX4800 Fixed Access Point

WI-FW5600



Features:

- . 6GHZ PTMP FWA AX4800
- . Max Throughput up to 2.3Gbps
- . Transmission Distance up to 15km
- . Wi-Fi 6E, 5.925–7.125GHz, 4x4 MU-MIMO/OFDMA
- . 1*2.5GE RJ45 Port + 1*GE RJ45 Port
- . 26dBm Max. Tx Power
- . 4*RPSMA(External antenna)
- . 802.3at PoE In, or DC 12–48V
- . Support TR-069



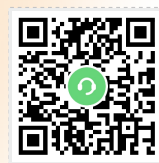
Specifications

Model	WI-FW5600
Operating Frequency	5.925–7.125GHz
Wireless Standards	WIFI 6E
Wireless Data Rate	4800Mbps
Channel Width	20/40/80/160 MHz
Max Throughput	2.3Gbps+
Transmission Distance	15km
Proprietary Physical Layer	4x4 MU-MIMO/OFDMA based on 802.11ax underlying technology
Networking interface	1*2.5Gigabit Ethernet + 1*Gigabit
Transmit Power Range	3–26dBm (combined, to regional EIRP limit) (1 dB interval)
Antenna Connector	4*RPSMA (External antenna)
Power Supply	802.3at PoE In, or DC 12–48V
Power Consumption	<15W
Surge suppression	8KV
Weatherproof Enclosure	IP65
Size	250*120*30mm
Weight	1.5 kg
Temperature	–30°C–60°C
Working mode	AP WDS, Client WDS
Network Mode	Bridge/Router
Firewall	Port Forwarding, DMZ, ACL Filtering
Wireless Security	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA2-PSK/WPA3-SAE, WPA3-SAE
VLAN	802.1Q with 802.1p priority
DHCP	DHCP Server, DHCP Client

Model	WI-FW5600
Network Management	HTTP/HTTPS, SNMPv1/2, SNMPv3, TR069
QoS (Quality of Service)	Three-level priority (voice, high, low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, broadcast, multicast, and station priority
ARQ	Yes
Nominal Receive Sensitivity (w/FEC) @20 MHz Channel	MCS 0 = -95 dBm to MCS 11 (1024 QAM-5/6) = -64 dBm (per chain)
Nominal Receive Sensitivity (w/FEC) @40 MHz Channel	MCS 0 = -92 dBm to MCS 11 (1024 QAM-5/6) = -61 dBm (per chain)
Nominal Receive Sensitivity (w/FEC) @80 MHz Channel	MCS 0 = -89 dBm to MCS 11 (1024 QAM-5/6) = -58 dBm (per chain)
Nominal Receive Sensitivity (w/FEC) @160 MHz Channel	MCS 0 = -86 dBm to MCS 11 (1024 QAM-5/6) = -55 dBm (per chain)
Modulation Levels (Adaptive)	MCS 0 (BPSK) to MCS 11(1024 QAM-5/6)



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Technical Support



Cloud Management



Company Website