

## Datasheet

# 6GHz AX2400 Fixed Access Point

---

WI-FW5625

### Features:

- . 6GHz FWA AX2400
- . Max Throughput up to 1.7Gbps
- . Transmission Distance up to 20km
- . Wi-Fi 6E, 5.925–7.125GHz, 2x2MU-MIMO/OFDMA
- . 1\*2.5GE RJ45 Port+1\*GE RJ45 Port
- . 26dBm Max.Tx Power for Extensive Signal Coverage
- . External 25dBi Dish Antenna
- . Flexible Power Supply 802.3at PoE In or DC 12V
- . PTP Application
- . Support TR-069 Remote Management





## Specifications

Model	WI-FW5625
Operating Frequency	5.925–7.125GHz
Wireless Standards	WIFI 6E
Wireless Data Rate	2400Mbps
Channel Width	20/40/80/160 MHz
Max Throughput	1.7Gbps+
Proprietary Physical Layer	2x2MU-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)
Recommended Distance	20km
Antenna Frequency Range	4.9–7.125GHz
Antenna Gain	25dBi
Antenna Beam width	V:11°/ H11°
Power Supply	802.3at PoE In, or DC 12V
Power Consumption	<15W
Surge suppression	8KV
Weatherproof Enclosure	IP67
Antenna Size	Φ42cm
Weight	7kg
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-FW5625
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 & MA C 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)



Wireless-Tek Technology Limited

Address: Building 3, Units 1801-1807, 1812, Huaqiang Era Plaza, Tangwei Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, China.

Website: [www.wireless-tek.com](http://www.wireless-tek.com)

Tel: 86-0755-32811290

Email: [sales@wireless-tek.com](mailto:sales@wireless-tek.com)

Technical Support: [tech@wireless-tek.com](mailto:tech@wireless-tek.com)



Technical Support



Cloud Management



Company Website