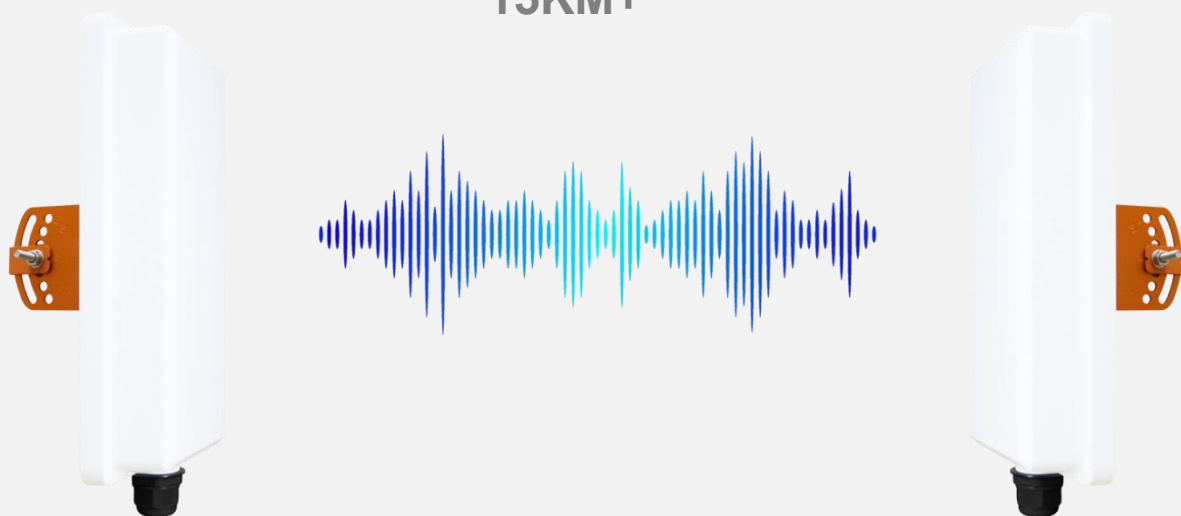


X519/X619

The X519/X619 is dedicated to cost effective solutions for outdoor wireless networking applications. it is flexible and ideal for point-to-point, point-to-multi point and outdoor Wi-Fi coverage applications. Professional performance, coupled with user-friendly design, makes X519/X619 an ideal choice for both business and home users.

15KM+



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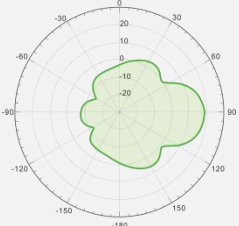
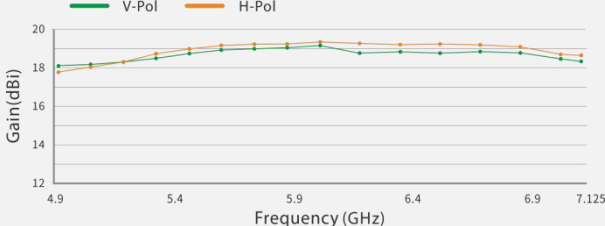
Model Comparisons	X519	X619
Wi-Fi Standards	802.11ax	802.11axe
Frequency	5.1-5.8GHz	5.9-7.1GHz

PTP Throughput Test Data

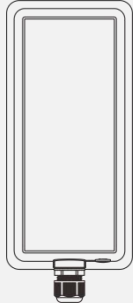
Channel Width	1km	2km	6km	10km	15km
160MHz	900Mbps+	800Mbps+	700Mbps+	300Mbps+	100Mbps+
80MHz	800Mbps+	600Mbps+	400Mbps+	150Mbps+	60Mbps+
40MHz	400Mbps+	300Mbps+	250Mbps+	80Mbps+	20Mbps+
20MHz	200Mbps+	150Mbps+	100Mbps+	40Mbps+	10Mbps+

* The above test data is obtained in coastal or remote areas where Wi-Fi interference is relatively low. In actual use, it is recommended to have sufficient redundancy to ensure the actual performance.

Specifications

Model	X519	X619
CPU	Qualcomm Dual A53 @1.0 GHz	
Operating Frequency	5180-5825MHz	5.925-7.125GHz
Wireless Standards	WIFI 6	WIFI 6e
Channel Width	20 40 80 160 MHz	
Proprietary Physical Layer	2x2MU-MIMO/OFDMA based on 802.11ax underlying technology	
Networking interface	1*Gigabit	
Transmit Power Range	+3 to +26dBm (combined, to regional EIRP limit) (1 dB interval)	
Antenna Frequency Range	5.15-7.125GHz	
Antenna Gain	19dBi Dual Linear	
Antenna Beam width	E:45° / H:16° E:45° / H:16°	
LEDs	1*Power, 1*SYS, 1*LAN, 3*Wi-Fi	
Power Supply	PoE 22-56V	
Power Consumption	<15W	
Surge suppression	8KV	
Weatherproof Enclosure	IP67	
Size	307*127*65mm	
Weight	0.8kg	
Temperature	-30°C to 55°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	
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)	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)	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)	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)	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)	MCS 0 (BPSK) to MCS 11(1024 QAM-5/6)
Antenna Information		
<div>   </div>		
Antenna Pattern	Polar Plots and Gain Across Frequency	

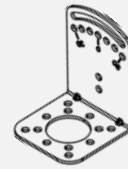
Package Contents



Radio
(Qty. 1pcs)



Gigabit PoE Adapter
(Qty. 1pcs)



Bracket
(Qty. 1pcs)



U Bolt
(Qty. 1pcs)



U-groove
(Qty. 1pcs)



Quick Start Guide
(1pcs)

Package Size & Weight



(1pcs)



(10pcs)