

## WLANTOP AIRWLAN Super WiFi BaseStation PRODUCT LINE MATRIX

Model	SUPER OUTDOOR A1	SUPER OUTDOOR S1	SUPER OUTDOOR X1	SUPER HOTFI U1
<b>Form Factor</b>				
<b>Description</b>	Outdoor、PtMP(AP)	Outdoor、PtP、PtMP(AP)	Outdoor、PtMP(AP)	Indoor、High density user access
<b>Wireless Mode</b>	AP/Station/WDS/AP-Repeater	AP/Station/WDS/AP-Repeater	AP/Station/WDS/AP-Repeater	AP/Station/WDS/AP-Repeater
<b>Network Mode</b>	Bridge	Bridge	Bridge	Bridge
<b>TDCA</b>	Support	Support	Support	Support
<b>WLAN Optimization</b>	Band Steering Roaming Steering Dynamic Rate Limit Long Distance Enhanced Dynamic Tx Power Control Dynamic Anti-Interference Multicast Optimization Multi Channel Bandwidth Channel Shifting	Band Steering Roaming Steering Dynamic Rate Limit Long Distance Enhanced Dynamic Tx Power Control Dynamic Anti-Interference Multicast Optimization Multi Channel Bandwidth Channel Shifting	Band Steering Roaming Steering Dynamic Load Balance Dynamic Rate Limit Long Distance Enhanced Dynamic Tx Power Control Dynamic Anti-Interference Multicast Optimization Multi Channel Bandwidth Channel Shifting	Band Steering Roaming Steering Dynamic Load Balance Dynamic Rate Limit Dynamic Tx Power Control Dynamic Anti-Interference Multicast Optimization Spectrum Isolation
<b>Spectrum Analysis</b>	Support	Support	Support	Support
<b>Power Over Ethernet</b>	PoE + power supply(48V-56V)	PoE + power supply(43V-56V)	PoE + power supply(48V-56V)	PoE + power supply(48V-56V)
<b>Power Consumption</b>	20W (typical) 35W (maximum)	20W (typical) 35W (maximum)	20W (typical) 35W (maximum)	20W (typical) 35W (maximum)

# WLANTOP AIRWLAN Super WiFi BaseStation PRODUCT LINE MATRIX

Model	SUPER OUTDOOR A1	SUPER OUTDOOR S1	SUPER OUTDOOR X1	SUPER HOTFI U1
Ingress Protection	IP67	IP67	IP67	IP30
Weight	4.9kg(Host)7.4kg(with antenna)	6.7kg	6.7kg(Host)	2kg
Dimensions	310mm(length)310mm(width) 100mm(height)	670mm(length)370mm(width) 121mm(height)	310mm(length)310mm(width) 100mm(height)	400mm(length)400mm(width) 90mm(height)
Enclosure Material	Aluminum	Aluminum	Aluminum	Plastic
RAM	1GB	1GB	1GB	1GB
FLASH Size	32MB	32MB	32MB	32MB
Antenna Type	9PCS 2.4G 8dBi Omnidirectional antenna 3 N-Type Interface for 5G	9PCS 2.4G 15dBi Direction antenna 3 N-Type Interface for 5G	External antenna, 12 N-Type Interface	8dBi Built-in antenna
Interface	Two 10/100/1000Base-Tx One Gigabit optical port One RJ45 Console Interface	Two 10/100/1000Base-Tx One Gigabit optical port One RJ45 Console Interface	Two 10/100/1000Base-Tx One Gigabit optical port One RJ45 Console Interface	Two 10/100/1000Base-Tx
Operating Temperature	-40 to 65 Centigrade	-40 to 65 Centigrade	-40 to 65 Centigrade	0 to 45 Centigrade
Operating Humidity	0-100% non-condensing	0-100% non-condensing	0-100% non-condensing	0-100% non-condensing
Storage Temperature	-40 To 85 Centigrade	-40 To 85 Centigrade	-40 To 85 Centigrade	-40 To 85 Centigrade
Installation method	Pole mounting / wall mounting	Pole mounting / wall mounting	Pole mounting / wall mounting	Bracket / ceiling mounting
Radio Band	2400-2483.5MHz 5150-5850MHz	2400-2483.5MHz 5150-5850MHz	2400-2483.5MHz 5150-5850MHz	2400-2483.5MHz 5150-5850MHz
Radio Number	2.4GHz Radio: 3 5GHz Radio: 1	2.4GHz Radic: 3 5GHz Radio: 1	2.4GHz Radio: 3 5GHz Radio: 1	2.4GHz Radio: 3 5GHz Radio: 1
Max Tx Power	2.4GHz Radio: 27dBm/500mW 5GHz Radio: 27dBm/500mW	2.4GHz Radio: 27dBm/500mW 5GHz Radio: 27dBm/500mW	2.4GHz Radio: 27dBm/500mW 5GHz Radio: 27dBm/500mW	2.4GHz Radio: 20dBm/500mW 5GHz Radio: 27dBm/500mW
11n Streams	2.4GHz Radio: 3x3 450Mbps @40MHz 5GHz Radio: 3x3 450Mbps @40MHz	2.4GHz Radio: 3x3 450Mbps @40MHz 5GHz Radio: 3x3 450Mbps @40MHz	2.4GHz Radio: 2x3 300Mbps @40MHz 5GHz Radio: 3x3 450Mbps @40MHz	2.4GHz Radio: 2x3 300Mbps @40MHz 5GHz Radio: 3x3 450Mbps @40MHz