

Technical Data WLAN Long Distance Antenna

Model name	SW08WL	SW10WL	SW12WL
Frequency range:	2400 ~ 2500MHz	2400 ~ 2500MHz	2400 ~ 2500MHz
Antenna gain:	8,5 dBi	10 dBi	12,5 dBi
Dimensions:	730 20 60	1030 20 60	1330 20 60
Horizontal beamwidth:	360°	360°	360°
Vertical beamwidth:	20°	17°	8°
Temperature range:	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C
Water resistance class:	IP 66	IP 66	IP 66
Connections:	RJ45 connectors	RJ45 connectors	RJ45 connectors
Cable:	Up to 80M	Up to 80M	Up to 80M
Mounting:	1" UNF threaded socket	1" UNF threaded socket	1" UNF threaded socket
VSWR:	< 1,6	< 1,6	< 1,7
Impedance:	50 Ω	50 Ω	50 Ω
Housing color:	White	White	White
Housing material:	AL Cr GFK PA6	AL Cr GFK PA6	AL Cr GFK PA6



Technical Data 300 Mbps Long Range Router

Model name	SWR3022
Standard:	IEEE 802.11b/g/n
Chipset:	RTL8196C
Flash/SDRAM:	2M / 16M
Antenna:	2X5dBi detachable
Data rate:	802.11b: up to 11Mbps 802.11g: up to 54Mbps 802.11n(20MHz): up to 144Mbps 802.11n(40MHz): up to 300Mbps
Frequency:	2.400 - 2.483GHz
Output power:	802.11b: up to 28± 1 dBm 802.11g: up to 26± 1 dBm 802.11n: up to 26± 1 dBm
Sensitivity:	-96dBm@802.11b -91dBm@802.11g -91dBm@802.11n
Security:	64/128bit WEP WPA(TKIP with IEEE802.1x) WPA2(AES with IEEE802.1x) WPA Mixed 802.1x authentication
Operation mode:	AP Client WDS AP+WDS
Dimension (mm):	147x98x30
Temperature range:	-20° to +60°C
Interface:	RP-SMA antennas connector x2 RJ-45 WAN port x1 RJ-45 LAN ports x4
Power requirement:	DC jack: 11 - 24V DC / Passive PoE



Technical Data 150Mbps WiFi Long Range Stick

Model name	SWS1512
Standard:	IEEE 802.11n, IEEE 802.11bg (mixed mode)
Chipset:	Atheros AR9331
Frequency band:	2.4GHz ISM Band
Data rate:	802.11bg: up to 54Mbps 802.11n: up to 150Mbps
LED indicators:	Power / Link / Ethernet / Signal
Ethernet interface:	10/100 BASE-T
Transmitter power:	3-27dBm / 2mW-501mW
Receive sensitivity:	-91dBm@802.11n -95dBm@802.11bg
Connector:	N-male, RJ45
Security:	WEP64/128, WPA, WPA2 802.1x
Power requirement:	PoE 11-24V / 400mW
Temperature range:	-20° to +65°C

