

xLink-5801a

5.8GHz, 802.11a, Outdoor Long Range Backhaul



Feature Highlights	<ul style="list-style-type: none"> ● 802.11a, 54/108Mbps ● True Outdoor unit, weather-proof, operating under $-35^{\circ}\text{C} \sim 70^{\circ}\text{C}$ ● CE/FCC, RoHS, IP68 certified ● Supports Dynamic Frequency Selection (DFS) & Transmission Power Changeable (TPC); ● Data rate & sensitivity Indication for antenna alignment ● POE (Power over Ethernet) design, highest stability. ● 3 frequency range: 5.15~5.35GHz; 5.5~5.7GHz; 5.725~5.85GHz
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Platform Spec.	
Output power	200 mini Watt (23dBm)
Frequency	5150~5350Mhz
	5500~5700Mhz
	5725~5850Mhz
Number of Channel	9 non-overlapping
Modulation	OFDM/DSSS (CCK, DQPSK, DBPSK)
Standard	IEEE802.11A; IEEE802.3; IEEE802.3u
Operating Mode	Bridge (as backhaul)
Data Rate	54/48/36/24/18/12/6Mbps auto fallback
System Software Support	Web based GUI Interface, SNMP, FTP

Sensitivity/Bandwidth	-68dBm	54Mbps
	-72dBm	48Mbps
	-76dBm	36Mbps
	-81dBm	24Mbps
	-84dBm	18Mbps
	-87dBm	12Mbps
	-88dBm	6Mbps
Distance/Bandwidth	36Mbps @ 2Km 24Mbps @ 5Km 18Mbps @ 12Km 12Mbps @ 18Km 10Mbps @ 21Km 6Mbps @ 30Km	
Type of Unit	True Outdoor Weather-proof	
Operating Temperature	-35 C ~ 70 C	
Security	64-bit/128-bit/152-bit encryption system	
Power source	AC 100~240V; DC 48V/2A	
Weight of each unit	4.8Kg/unit (including cables and all accessories)	

POE (Power over Ethernet) Design

- True Outdoor unit, weather-proof, operating under -35C ~ 70C
- Least gain loss of antennas, highest transmission efficiency
- POE (Power over Ethernet) design, best performance with most stability

