

Outdoor Wifi Wireless Bridge Series

WB2500 WiFi Long range 20km/12.4miles



Product Name:

WB2500 WiFi Long range
20km/12.4miles

Order Model:

WB2500

Application Scenarios:

Mainly used for long-distance network transmission and monitoring data transmission.

such as between distant buildings like office buildings, warehouses, barns, farms, and garages, wireless bridges can provide efficient network connections, avoiding the costs of laying physical network cables. They can effectively extend network coverage and eliminate signal blind spots.

In video surveillance or security systems, wireless bridges can connect cameras to the main network, enabling real-time monitoring.

Product Overview:

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1. Moslink Outdoor Wireless Bridge is a 5.8GHz high-powered long-distance 11AC wireless outdoor AP/client bridge.
2. Offering PoE Gigabit ports and a high-gain directional antenna that emits a narrow signal beam, limiting interference and ensuring stable connectivity, high-bandwidth and 1200Mbps speeds over long distances.
3. Built-in 26dBi dual-polarized directional antenna to boost your signal, Wireless speed up to 1200Mbps, extend Networks to MAX 6.2Miles (Point-to-Point).
4. PoE-Compliant Ports Offer Flexible Power Options for an IP Camera or AP, 360-Degree 3-Axis Pivoting Arm Locks for Precision Alignment.
5. Wifi CPE router be used in complicated environment, like elevator monitoring, also weatherproof case against rugged environment. Standard with POE power supply, which makes project more simple.

Feature Description:

- ◆ Power Indoor/Outdoor CPE with MTK7620 Chipset-Range up to 12.4 miles away with line of sight
- ◆ Can be used to connect remote IP cameras to existing NVR's / DVR's
- ◆ Supports up to 1200Mbps
- ◆ Utilizes the 5.8Ghz Wi-Fi frequency, avoiding the congested 2.4Ghz bandwidth in use on most Wi-Fi today.
- ◆ 26dBi Panel Antenna
- ◆ Supports the following operation modes: Bridge, Access Point, Router and Repeater
- ◆ Supports providing PoE power to a single IP camera attached to CPE
- ◆ Includes 48V PoE power injector which allows for powering CPE from up to 330ft away
- ◆ LEDs provide information about system status and signal strength for Alignment in Bridge mode
- ◆ Hardware Reset button
- ◆ Outdoor Rated down to -40°F
- ◆ Supports Pole, Wall or Rack Mounting

Product list



1* Wireless Bridges



1* Plastic Hoop



Base



Mounting bracket



Universal joint



Stainless Steel



24V POE adapter



Installation Guide

Product Dimensions and Interfaces:



Technical Specifications:

Parameter/Model	
CPU	MTK7621DDR2 64MByte FLASH 8MByte
5.8GHz: 900Mbps	5.8GHz: 900Mbps
Antenna	2*16dBi Antennas
Wi-Fi Standards	IEEE802.11a/an/ac
Transfer Method	Direct Sequence Spread Spectrum (DSSS)
Frequency Range	4900~6100MHz
System settings	Supports language settings; supports password modification; supports USB upgrade.
Band width	900 Mbps
Supporting agreement	CSMA/CA TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,N-DIS4,NDIS5
Management setting	WEP management, Telnet, Serial
Physical Ports	2*10/100Mbps adaptive RJ45 network interface
LED Indicators	Power / WAN / LAN / Wi-Fi Level Signal Strength
Power scheme	Adapter: 24V 1A PoE Power Adapter
Power scheme	≤3W
Installation Methods	Pole Mounting, Wall Mounting or Rack Mounting
Package size	16*21*27cm
Package Weight	1.5KG
Working Environment	-30°C~+55°C(work)
Storage Environment	-40°C~+70°C(storage)