Nanjing Maxon Technology Co., Ltd
6F, Bldg A3, Zidong International Creative Park, Zidong Rd, Qixia District, Nanjing, China.

MAXON
LINK OF YOUR THINK

MX5011B-DE17-V
Outdoor 802.11an/ac Industrial Wireless Bridge

Features

- Support IEEE 802.11a/n/ac standard
- Maximum transfer rate 867Mbps
- Support intelligent QoS function, realize voice, video, and text's priority transmission through powerful text recognition, priority setting, and priority scheduling functions to meet various business needs
- Support 802.3at Protocol (POE)
- Support pole-mounted , horizontal and vertical adjustable
- Support Gigabit Ethernet port/SFP, adapt to multiple types of network access
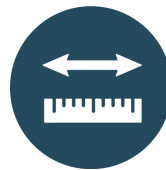- IP68 protection level is suitable for a variety of environments

Description

MX5011B-DE17-V Outdoor 802.11ac wireless bridge supports the 802.11a/n/ac protocol, MIMO 2*2 standard with a maximum rate of 867Mbps, optimizing the use of bandwidth and Internet speed.

It can support WDS access point/WDS client working mode to meet different application requirements. It can support different type of Gigabit Ethernet port, which is flexibly applicable to different network access plans.

It can provide customers with a stable wireless signal transfer and ensure the good experience of stable, high-quality and convenient network services. It also incorporates several leading core achievements to make sure stable, reliable coverage and high-throughput performance in all scenes. Its structural design fully considers the applications in extreme industrial environments and is designed to meet the IP68 waterproof standard, making it an ideal choice for industrial-grade Wi-Fi coverage equipment.

27dBm high power
The highest output power can reach 27dBm, and the directional 17dBi antenna brings excellent Wi-Fi transmission distance

Long distance transmission
Ultra-long-distance, high-bandwidth backbone network transmission

Multiple installation design
Rod type installation design, support horizontal and vertical angle adjustment, easy to install

Protection Class IP68
Protection Class reaches to IP68, suitable for a variety of environments

2x2 MIMO
Supports 2x2 MIMO standard

High throughput
Maximum transfer rate 867Mbps

Gigabit Ethernet
Supports Gigabit Ethernet

POE powered
Support 100-meter Ethernet POE power supply, easy to deploy and networking

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Specification

HARDWARE	Shell	metal + PC
	Host size	262*194*72mm
	Net weight	1480g
	Installation	pole-mounted
	Protection Class	IP68
	Antenna Gain	17dBi
	Antenna type	120° external sector directional antenna
	Transmission distance	0~5km
	Power supply mode	48V 0.5A POE
	Maximum power consumption	12W
	Maximum transmit power	27dBm
	Connector (WAN)	10/100/1000Mbps
	Connector (LAN)	10/100/1000Mbps
	Button	1*Reset
	Indicator	1*POWER, 1*5.8G working
	Working temperature	-40℃~70℃/-40~158℉
	Storage temperature	-40℃~85℃/-40~185℉
	Working humidity	5%~95%RH non-condensing
	Surge immunity	POE/GE: common mode 4KV, differential mode 2KV
	Electrostatic discharge immunity	Contact discharge: 6KV, Air discharge: 8KV
	Mounting kit	2 x M25 PG waterproof connector 1 x 90° sector directional antenna 1 x Pole Mount Kit 1 x 48V 0.5A POE Adapter 1 x AC Power Cord 1 x Product Instruction Manual 1 x Product Certificate & Warranty Card
SOFTWARE	Working Protocol	802.11 a/n/ac
	Maximum speed	867Mbps
	Frequency range	5180~5320MHz, 5745~5825MHz
	Channel width	20/40/80MHz
	Working Mode	WDS Access Point, WDS Client
	Security Configuration	WPA2-PSK, Hidden SSID, IP/MAC Filtering
	Application Mode	WDS Access Point, WDS Client

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SOFTWARE	Configuration management	support web configuration, support AC remote management, support SNMP management
	Ethernet software features	support IPv4/IPv6 dual protocol stack DNS, HTTP, IPv4, LLDP, Proxy ARP, SMTP, SNMP v2c/v3, Syslog, TCP/IP, SSH, UDP, VLAN
	Dynamic frequency selection	support intelligent channel analysis & automatic optimal channel selection; support 5GHz DFS
	Intelligent Bandwidth Rate Limiting	Support IP and MAC-based upstream and downstream rate limiting
	IoT expansion	reserved UART interface to support IoT application expansion such as Bluetooth, ZigBee, UWB, etc.
	Others	Scheduled restart, QoS, Watchdog
APPLICATION	Wireless video surveillance (traffic, urban, public security, oil and gas pipelines, forest fire prevention and security, residential and other key areas monitoring) Wireless video/data transmission and wireless coverage in railway, transportation, power and other industries Operator Main Wireless Network Construction Wireless network coverage of rural informatization construction	

Dimensions

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