

16KM 5GHz WFi 6 Wireless Bridge



DESCRIPTION

The NODEXON NX-B24M5G-16KM is a high-performance, high-speed outdoor WiFi 6 wireless bridge designed to provide stable and reliable long-range wireless connectivity. With a transmission distance of up to 16 KM, it delivers fast and efficient data transmission for demanding outdoor networking applications.

Featuring strong penetration capability and excellent anti-interference performance, the NX-B24M5G-16KM ensures a stable and reliable wireless connection even in challenging outdoor environments. It is ideal for CCTV surveillance, long-distance network expansion, remote connectivity, industrial communication, building-to-building networking, and other professional outdoor wireless applications.

FEATURES & BENEFITS

- WiFi 6 Compliant: 2402Mbps @ 5GHz Band
- Built-in 20dBi Array Antenna for 16KM Transmission
- Interfaces: 1× Gigabit SFP (Fiber) + 2× Gigabit Ethernet Ports
- UV-Resistant Outdoor Enclosure (3-Year Limited Warranty)
- IP65 Rated | -30°C~55°C Operating Temperature
- Flexible PoE/DC Power with Surge-Protected Ports
- Pole/Wall Mounting | Cloud Platform & Mobile App Management



16KM



Tri-Band
6G



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform



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Wireless Bridge



HARDWARE SPECIFICATION

MODEL	NX-B24M5G-16KM
5GHz Operating Frequency Band	5.150GHz~5.850GHz
5GHz WIFI Transmission Protocol	802.11 a / n / ac / ax
Built-in directional panel antenna 5G	20dBi
Maximum Speed	5GHz band delivers up to 2402Mbps access rate, PTP actual measured throughput exceeds 900+ Mbps
Interface and External	1 × Gigabit SFP Port (ETH1) 1/10/100/1000Mbps Auto-negotiation Ethernet port (ETH2); Supports PoE 48V power supply; 1/10/100/1000Mbps Auto-negotiation Ethernet port (ETH3)
Button	Reset Button (hold 6-10 seconds to restore factory defaults)
Status indicator	PWR: Power indicator (Green: Solid on when powered; Off when unpowered). SFP: Gigabit SFP port indicator (Green: Off when disconnected; Solid on when connected; Blinking during data transmission). WAN: Gigabit WAN port indicator (Green: Off when disconnected; Solid on when connected; Blinking during data transmission). LAN: Gigabit LAN port indicator (Green: Off when disconnected; Solid on when connected; Blinking during data transmission). WiFi: WiFi indicator (Green: Solid on when WiFi is enabled and connected; Blinking while searching; Off when disabled). L: Signal strength indicator (Green: Solid on if ≥ set threshold; Off if < threshold). M: Signal strength indicator (Green: Solid on if ≥ set threshold; Off if < threshold). H: Signal strength indicator (Green: Solid on if ≥ set threshold; Off if < threshold).
Power Supply	DC2.012V 1.5A, PoE 802.3at, <10W (Maximum Power Consumption)
Product Dimensions	229×179×47mm
Weight	0.56kg
Work Environment	Working:-30°C to 55°C Storage: -40°C to 70°C Humidity: 5%~95% (Non-Condensing)



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ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-B24M5G-16KM	NODEXON 16KM 5GHz WFi 6 Wireless Bridge

Note:

**Unless TAA compliance is explicitly requested and confirmed per line item prior to order processing, standard commercial (non-TAA) equivalents or general inventory items may be supplied.*

To maintain high quality and continuous improvement, the vendor reserves the right to alter product specifications at any time without prior notification.

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