

1.5KM Elevator Wireless Bridge



DESCRIPTION

The NODEXON NX-B86M5G-5M is a cost-effective dedicated wireless bridge designed specifically for elevator applications. It provides a wireless access distance of up to 1.5 KM for reliable connectivity. The device delivers stable and consistent data transmission for elevator systems. Its strong anti-interference capability helps maintain a reliable wireless connection.

Designed to perform efficiently in challenging operating environments. It ensures smooth communication between elevator equipment and monitoring systems. A dependable and economical solution for modern elevator wireless networking.

FEATURES & BENEFITS

- › 5GHz band wireless speed up to 867Mbps
- › Provide 2×10/100M RJ45 ports
- › Built-in 8dBi directional antenna enabling transmission over 1.5KM
- › Supports point-to-point (P2P) and point-to-multipoint (P2MP) expansion
- › Features one-push pairing for rapid installation and debugging
- › Versatile PoE/DC power supply with surge-protected ports
- › Cloud platform and APP management for simplified maintenance



1.5KM



Tri-Band
6G



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform



1.5KM Elevator
Wireless Bridge



HARDWARE SPECIFICATION

MODEL	NX-B86M5G-5M
Operating Frequency Band	5GHz: 5.150GHz~5.850GHz
WiFi Transmission Protocol	802.11 a / n /ac
Wireless Speed	867Mbps
Antenna	5.8GHz Panel directional antenna gain: 8dBi
Wireless power	< 19±2dBm
Interface (WAN)	1/10/100M Self-adaptive WAN Port, Supports 12V non-standard PoE power supply
Interface (LAN)	1/10/100M Self-adaptive LAN Port
Power supply	PoE 24V, DC 12V
Max Power Consumption	<5W
Reset Button	hold 10 seconds to restore factory defaults, Press for 1 second to initiate pairing
Slide Switch	One-touch master/slave configuration
Status indicator	SYS, WAN Port, LAN Port, WIFI, Indicator light×4
Product Dimensions	168mm×86mm×39mm
Weight	0.5kg
Work Environment	Working:-30°C to 55°C Storage: -40°C to 70°C Humidity: 5%~95% (Non-Condensing)
IP-rated protection	IP65



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SOFTWARE SPECIFICATION

MODEL	NX-B86M5G-5M
Dashboard	Wireless AP download, Wireless AP upload rate, System uptime Device information (description, LAN status, WiFi configuration)
Operation Modes	AP Mode: Provides wireless coverage to client devices while connecting to upstream router via Ethernet for WAN access. Universal Repeater Mode: Establishes wireless connection to another AP while simultaneously providing wireless coverage to clients.
CPE Management	Self-management function of the bridge based on the private protocol GHCP
Wireless Features	SSID Quantity: 4, Supports Chinese SSID and management SSID Hidden SSID capability Wireless encryption: OPEN, WPA/WPA2PSK-TKIPAES Wireless MAC address filtering: Supports whitelist (32 entries) Relay function Scheduled WiFi shutdown User isolation: Isolation between wireless networks and internal AP isolation Transmit power adjustment Wireless client limit, Supports a maximum of 64 users IGMP Snooping Multicast acceleration
Network Features	IPv4 Address: Supports static IP, GHCP, Obtaining the address from the gateway VLAN Settings Cong Cloud platform integration
Device Management	Configuration backup Configuration restore Factory reset System reboot (immediate or scheduled) Firmware upgrade Time management (display and NTP synchronization)

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-B86M5G-5M	NODEXON 1.5KM Elevator 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.

