

1.5KM Digital Elevator Wireless Bridge



OVERVIEW

The NODEXON NX-B30M2G-1-5M is a high-performance outdoor wireless CPE designed to provide reliable, long-range wireless connectivity in demanding environments. It is well suited for point-to-point and point-to-multipoint deployments, making it an ideal solution for extending network access between buildings, remote locations, surveillance sites, and other areas where traditional wired connections are difficult or costly to install.

Built for outdoor networking applications, the NX-B30M2G-1-5M delivers stable wireless communication with dependable performance over extended distances. Its robust design helps support continuous operation in challenging outdoor conditions, while its flexible deployment options make it suitable for enterprise networks, security systems, industrial connectivity, and broadband access applications.

FEATURES & BENEFITS

- › 2.4GHz band wireless speed up to 300Mbps
- › Provide 4x10/100M RJ45 ports
- › Digital display, easy to debug without a computer
- › Built-in 14dBi 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



300Mbps



Multiple
Networks
Ports



On-Click
Bridging



1.5KM
Transmission
Range



PoE
Powered



Surge-
Protected
Ports



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Wireless Bridge



HARDWARE SPECIFICATION

MODEL	NX-B30M2G-1-5M
Frequency Band	2.4GHz ~ 2.484GHz
WIFI Protocol	802.11b / g / n
Wireless Speed	300Mbps
Antenna	Built-in directional flat-panel antenna, gain: 14dBi
Interface (WAN)	1/10/100M WAN Port, Supports 24V PoE
Interface (LAN)	3/10/100M LAN Port
Power supply	24V PoE, DC12V
Button	Reset Button (hold 6-10 seconds to restore factory defaults) 1 × DIP switch (Right: Master / Left: Slave) 2 digital display control buttons (Function "F" and Select "S")
Display Screen	Digital tube display (shows Master/Slave status, channel, signal strength bars, etc.)
Power Consumption	<6W
Dimensions	190mm×110mm×50mm
Net Weight	0.28kg
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-B30M2G-1-5M
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.
Wireless Features	SSID Broadcast SSID Quantity: 4 Hidden SSID capability Authentication methods: OPEN, WPA/WPA2PSK_TKIPAES Configurable channel and channel bandwidth Wireless MAC address filtering VLAN ID: VLAN-ID(valid range: 3-4094; 0=disabled) Scheduled WiFi shutdown Client isolation Transmit power adjustment Wireless client limit WiFi environment analysis Multicast acceleration
Network Features	IPv4 Address: Supports static IP, or obtains address from management server/gateway. DHCP Server: DHCP server can be internal or external. Cloud platform integration
Device Management	Configuration backup Configuration restore Factory reset System reboot (immediate or scheduled) Password modification Firmware upgrade (with optional post-upgrade factory reset) Time management (display and NTP synchronization) System logs Multicast acceleration

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-B30M2G-1-5M	NODEXON 1.5KM Digital 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.