

Long-Range 20KM Integrated Wireless Bridge



DESCRIPTION

The NODEXON NX-B86M5G-20KM is a high-performance, high-speed outdoor wireless bridge designed to provide stable and reliable wireless connectivity over long distances. With a transmission range of up to 20 KM, it delivers efficient and consistent data transmission for demanding outdoor networking applications.

Featuring strong penetration capability and excellent anti-interference performance, the NX-B86M5G-20KM ensures a stable 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 networking applications.

FEATURES & BENEFITS

- Gigabit Dual-Port with 867Mbps @ 5GHz Band
- 23dBi Integrated Dish Antenna for 20KM Transmission
- TDMA3 Dynamic Polling Protocol - Superior Interference Immunity
- UV-Resistant Outdoor Enclosure (3-Year Warranty)
- IP65 Protection | -30°C~55°C operating temperature
- Flexible PoE/DC Power with Surge-Protected Ports
- Pole/Wall Mounting | Cloud Platform & App Management



20KM



Tri-Band
6G



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform



Long-Range 20KM
Integrated
Wireless Bridge



HARDWARE SPECIFICATION

MODEL	NX-B86M5G-20KM
5GHz Operating Frequency Band	5.150GHz~5.850GHz
5GHz WIFI Transmission Protocol	802.11 a / n /ac
Wireless Speed	867Mbps
Antenna	23dBi integrated dish antenna
5G Wireless power	< 26± 2dBm
Interface (WAN)	1/10/100/1000M Self-adaptive WAN Port, Supports IEEE 802.3af standard 48V PoE
Interface (LAN)	1/10/100/1000M Self-adaptive LAN Port
Button	Reset Button (hold 6-10 seconds to restore factory defaults)
Status indicator	WAN port with indicator light, LAN port with indicator light; SYS light×1, wifiIndicator light×5
Power supply	IEEE802.3af standard 48VPoE, DC12~24V
Max Power Consumption	< 12W
Product Dimensions	Φ374×201mm
Weight	2.1kg
Work Environment	Working:-30°C to 55°C Storage: -40°C to 70° Humidity: 5%~95% (Non-Condensing)
IP-rated protection	IP65



Long-Range 20KM
Integrated
Wireless Bridge



ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-B86M5G-20KM	NODEXON Long-Range 20KM Integrated 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.

CONNECT WITH US

USA

☎ +1 (877) 677-4040
✉ info@microlinknet.com
📍 1178 Broadway, 3rd
Floor, Suite 318B, New
York, NY 10001

EUROPE

☎ +44 7466717286
✉ uk@microlinknet.com
📍 Fairbourne Drive,
Atterbury,
Buckinghamshire, UK

MIDDLE EAST

☎ +971 44 558570
✉ mena@microlinknet.com
📍 Boulevard Plaza Tower
One, Level 3, Downtown
Dubai, UAE

