

## Indoor Access Point Switch NX-BR3810-CPE



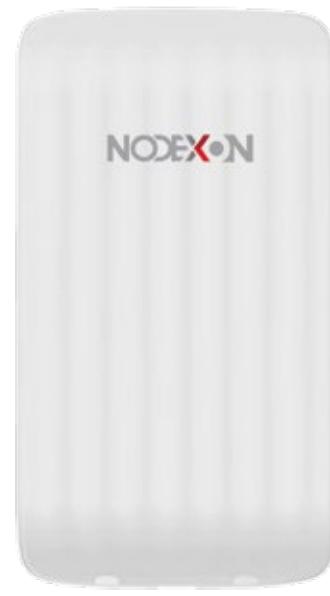
### OVERVIEW

Nodexon's NX-BR3810-CPE is an advance wireless bridge that provides users with a transmission distance of up to 2 kilometers. It gives off an effective bandwidth fot up to 60 meters with 10 cameras.

NX-BR3810-CPE is designed to take care of all your security needs and comes with an external PA and LNA that ensure that the device's best wireless performance.

### FEATURES HIGHLIGHTS

- Up to 10 cameras, 0.5 km effective bandwidth, up to 60M
- Industrial-grade directional antenna with an 8dBi gain for better signal coverage.
- Solid capacitors, Qualcomm solution, product stability, and longer life
- 8KV lightning protection to prevent signal interruption caused by bad weather
- Factory-free configuration, plug-and-play operation, and faster setup and usage
- Wireless with a maximum speed of 150Mbps and 802.11b/g/n support
- For improved wireless performance, use an external PA and LNA.
- Watchdog design, automatic detection, automatic recovery of faults



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### PRODUCT FEATURES

#### Appealing Design

Compact and slender in appearance, classic in design, and adaptable to a range of decorating styles. Simple and attractive placement on the wall.

#### 5G Frequency Band

To increase signal transmission stability, a more idle and clean 5G frequency range was chosen.

#### Industrial Grade Directional Antenna For Wider Signal Coverage

For greater wireless coverage, it comes with a professional-grade directional high-gain dual-polarized antenna.

#### Power Linearly Adjustable To Reduce Mutual Interference Between Aps

Manually change the transmit power based on the size of the coverage environment using dual independent PA+ independent LNA. In a densely populated area, a suitable number of APs must be installed to optimize the on-site client's access, resulting in AP interference, lowering transmit power, preventing mutual interference, and attaining wireless stability.

#### External PA and LNA

When the AP functions abnormally, an independent hardware protection circuit can immediately restart it, saving maintenance effort and costs. To enhance network stability, restart and clear up network spam and zombie clients on a regular basis.

#### Solid Capacitor

The device contains a solid capacitor design that enables it to serve the user with a higher stability and longer life.

#### Factory Free Configuration Design

With a strong Qualcomm main control chip the device comes with a pair of bridge connections by default. It is configuration free and supports true plug and play.

#### Three-Proof Design

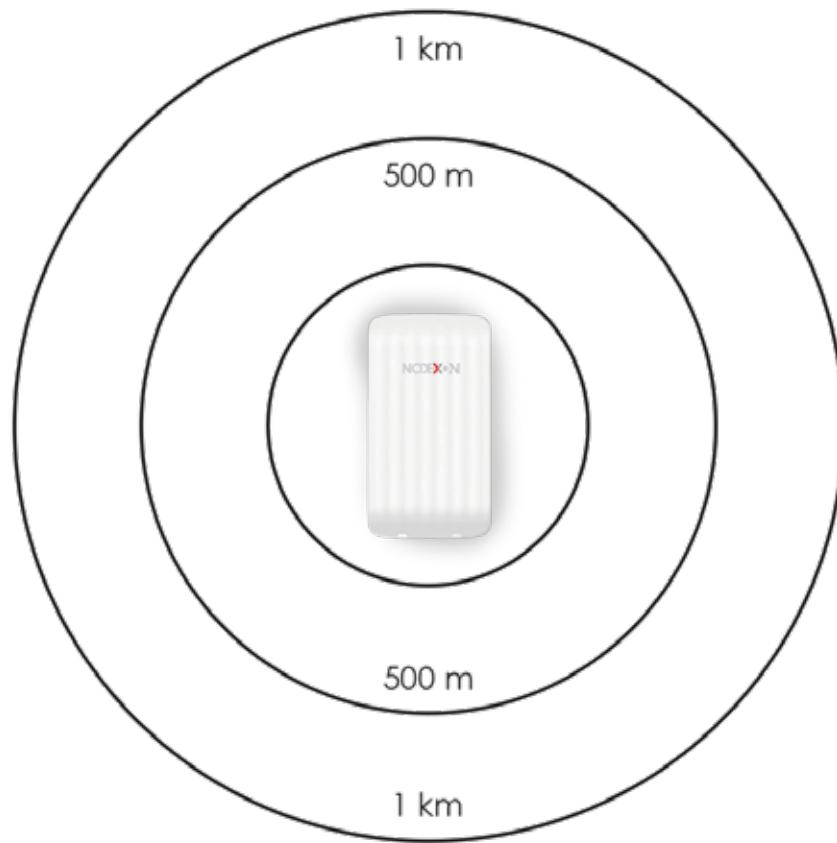
Professional hardware and housing, with up to 8KV lightning protection, can withstand the severe outdoor climate with ease.

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### Up To 2 Kilometers Transmission Distance

For a reliable wireless transmission of 2 kilometers, use point-to-point transmission mode.



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### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
CPU	Qualcomm
Flash	8MB
DDR	64MB DDR2
Frequency	5.15~5.25GHz、5.735~5.835GHz
Wireless Standards	802.11a/n
Maximum machine power consumption	<5W
Maximum Transmission Distance	1KM(point to point), Stable bandwidth up to 60M (no interference environment)
Multi-port transmission	Support 2 ports above; Default setting point to point
Receive Sensitivity	dBmUp to -97dBm
Port	2 10/100M adaptive LAN ports, LAN1 support 24V PoE power supply
Button	reset (long press 5-10 seconds to restore default setting)
Antenna Built-in	5G directional dual polarized antenna gain: 8 dBi
Dimensions	200mm * 110mm * 61mm
SSID VLAN	Support
Environment	Operating Temperature:-30°C~55°C Storage Temperature: -40°C-70°C Operating Humidity: 10% ~ 90%RH non condensation Storage Humidity: 5% ~ 90%RH non condensing Support power on at -40°C

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