DH-WB2-60N-I-V2

Elevator Wireless Bridge Kit



- The bridge pair is conveniently packaged together, allowing for immediate use once powered on without any configuration required. The PoE Combiner and 12 VDC power adapter that come with the device, provide power to the bridges. The PoE transmission distance is up to 80 meters. Provides Radio Spectrum Analysis during deployment to help you choose the optimal channel.



Suitable for video surveillance in elevators.

Series Overview

The Wireless Bridge is specially designed to transmit wireless data in elevators. It adopts MIMO 2×2 technology and works in the 2.4 GHz frequency band, giving it a wireless data transmission rate of up to 300 Mbps. Line-rate hardware forwarding ensures more consistent performance. At the same time, the device offers dual ports, allowing it to easily connect to multi-channel cameras, advertising screens and other terminals. Moreover, its straightforward installation and deployment make it user-friendly. The wireless transmission distance reaches up to 500 meters, which makes it a great choice for video surveillance in elevators.

Functions

Pre-Configured Twin Pack

The bridge pair is conveniently packaged together, allowing for immediate use once powered on without any configuration required.

Passive PoE In

The PoE Combiner and 12 VDC power adapter that come with the device, provide power to the bridges. The PoE transmission distance is up to 80 meters.

Spectrum Analysis

Provides Radio Spectrum Analysis during deployment to help you choose the optimal channel.

Cloud Management

Devices can be managed through the DoLynk Care app and performs real-time monitoring of the network. The app also displays the status of devices, triggers alarms for errors in real time and sends notifications.

Scene

Technical Specification

Hardware

Sold in Pairs	Yes
Function Slots	Port 1: 1 × RJ-45 10/100 Mbps (LAN 1) Port 2: 1 × RJ-45 10/100 Mbps (LAN 2/PoE In)(Passive PoE In)
Power Supply	12 VDC, 0.5 A PoE (12 V, 0.5 A)
Power Consumption	Max load < 3 W
Memory	DDR2 64 MB Flash 8 MB
Indicator Light	1 × Wi-Fi 1 × SYS 1 × LAN1 1 × LAN2 4 × Indicators
External Port	1 × DC

Performance

Wireless Standard	2.4 GHz: IEEE 802.11b/g/n
Recommended Video Channels	100 meters: 14-ch 2MP IPC or 7-ch 4MP IPC or 5-ch 8MP IPC; 300 meters: 13-ch 2MP IPC or 6-ch 4MP IPC or 5-ch 8MP IPC; 500 meters: 7-ch 2MP IPC or 3-ch 4MP IPC or 2-ch 8MP IPC;
Operating Frequency	2.4 GHz: 2.412 GHz–2.484 GHz
Wireless Transmission Rate	2.4 GHz: 300 Mbps
Channel Width	2.4 GHz: 20/40 MHz
Max. Output Power	2.4 GHz: 20 dBm ± 2 dBi
Antenna Direction Angle	H: 60°, V: 60°

Receiver Sensitivity	802.11b 11M: -85 dBm 802.11b 1M: -94 dBm 802.11g 54M: -73 dBm 802.11g 6M: -90 dBm 802.11n HT20_MCS7: -71dBm 802.11n HT20_MCS0: -89 dBm 802.11n HT40_MCS7: -68 dBm 802.11n HT40_MCS0: -86 dBm
Polarization	Horizontal polarization Vertical polarization
Transmission Distance	500 m (1640.42 ft)
PoE	PoE In: 12 V Passive

Function

Operating Mode	AP; Station
Equipment Management	WEB; Platform; App
Network Protocol	HTTP;HTTPS;TCP/IP;IPv4;UDP;NTP;DNS HTTP;HTTPS;TCP/IP;IPv4;UDP;NTP;DHCP;DNS
Protection Mode	WPA/WPA2-PSK,AES/TKIP
Security Mechanism	MAC access control
MU-MIMO	2×2
DHCP	Yes
Firmware Update	Web update;Cloud update
Software	Home: Wireless mode (topology); traffic monitoring; device information; device description; LAN information; repeater information; 2.4 GHz Wi-Fi Wizard: LAN configuration; 2.4 GHz Wi-Fi configuration; repeater configuration Device List: Displays device list information Wi-Fi configuration: repeater configuration; MAC access control; Wi-Fi configuration; network configuration Device Management: configuration management; auto restart; firmware update; time management; multicast/ broadcast speed limit; system log

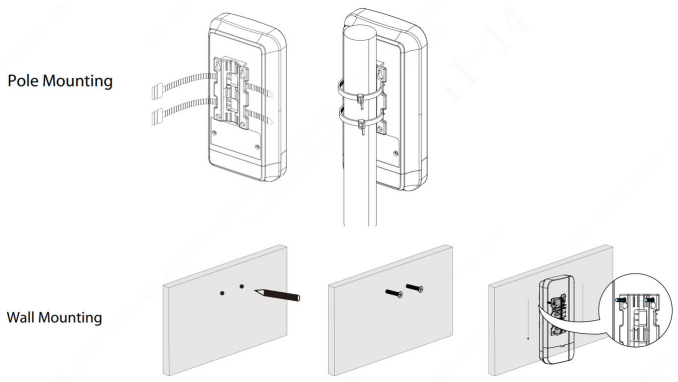
General

Operating Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Storage Temperature	–40 °C to +70 °C (–40 °F to +158 °F)
Operating Humidity	5%–95% (RH), non-condensing
Net Weight	0.21 kg (0.46 lb)
Gross Weight	0.35 kg (0.77 lb)
Product Dimensions	168 mm × 86 mm × 39 mm (6.61" × 3.39" × 1.54") (L × W × H)
Packaging Dimensions	250 mm × 180 mm × 68 mm (9.84" × 7.09" × 2.68") (L × W × H)
Protection	IP65
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lightning Protection	Common mode: 2 kV Differential mode: 1 kV
Installation	Pole mount
Certifications	CE
Packing List	2 × Devices 2 × Power Adapters
Packing List	2 × PoE Combiner 4 × Cable Tie 1 × User Manual 1 × Legal and Regulatory Information 1 × QR code

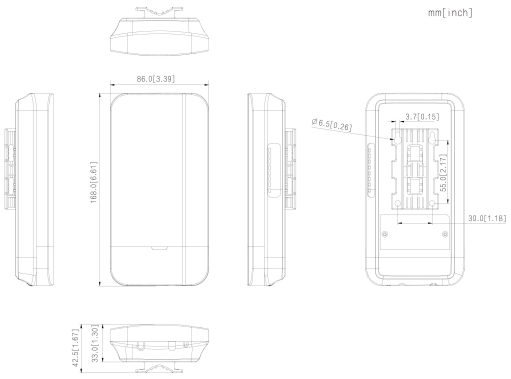
Ordering Information

Type	Model	Description
WirelessBridge	DH-WB2-60N-I-V2	Elevator Wireless Bridge Kit

Installation



Dimensions (mm[inch])



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