HIKVISION®

DS-3WF0BC-2NT
2.4 GHz 300 Mbps 200m Elevator Wireless Bridge

The dual wireless bridge can be applied in industries, such as wireless video security, railway, transportation, power and other industries, wireless video/data transmission, wireless coverage, carrier wireless backbone network construction, Wi-Fi wireless coverage, rural information construction, and wireless network coverage. The long-distance transmission of the device can guarantee multi-channel HD video transmission.

- Up to 200 m wireless transmission distance

- 300 Mbps 802.11n wireless bridge

- Built-in 7dBi 2 x 2 MIMO antenna

- Visualized topology management

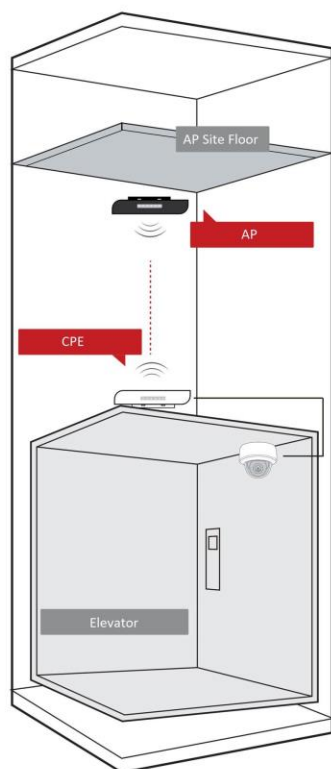- Real-Time alarm push technology

▪ Specification

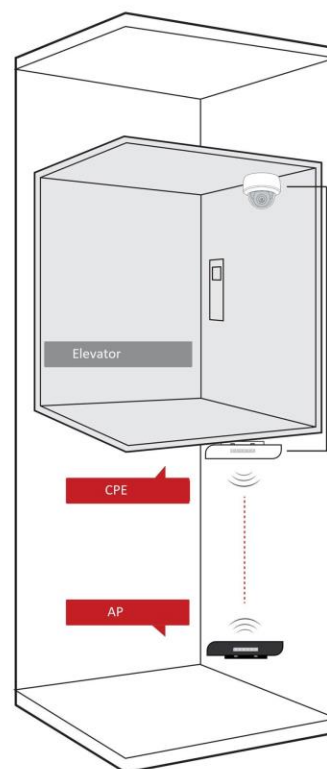| General	
Product Dimensions (W × H × D)	90.8 mm × 187.87 mm × 57.87 mm (3.57'' × 7.39'' × 2.27'')
Package Dimensions (W × H × D)	256 mm × 231 mm × 86 mm (10.07" × 9.09" × 3.38")
Net Weight	0.26 kg (0.57 lb) per device
Gross Weight	0.8 kg (1.76 lb)
Packing List	Wireless Bridge × 2,Power Adapter (12 VDC, 1 A) × 2,10/100 Mbps PoE Injector × 2,Binding Tape × 4,Quick Start Guide ×1
Packing Method	Packing in pairs
Working Temperature	-30 °C to 70 °C (-22 °F to 158 °F)
Working Humidity	5% to 95% (no condensation)
Storage Temperature	-40 °C to 80 °C (-40 °F to 176 °F)
Storage Humidity	5% to 95% (no condensation)
Installation Mode	Pole Mounting
Ingress Protection	IP55
Power Consumption	1.89 W for typical (1-ch 2MP IPC), Max. 3.7 W
Wireless Parameter	
Wireless Standard	IEEE 802.11b/g/n (2 × 2 MIMO 300 Mbps)
Max. Transmission Rate of Air Interface	≤ 300 Mbps
Working Frequency Band	2400 MHz ~ 2483.5 MHz
Antenna Gain	7 dBi
Antenna Angle	(H) Beamwidth [3 dB] 65° (V) Beamwidth [3 dB] 65°
Transmitting Power	23 dBm @11n MCS0 (Note: Transmitting power may vary with local regulations.)
Receiving Sensitivity	-87±2 dBm @HT40 MCS0
Throughput Rate	PTP: ,30 Mbps/0.2 KM(HT40)
Hardware Parameter	
Network Interface	2 × 10/100 Mbps RJ45 ports
LED Indicator	Power indicator,LAN indicator,Signal intensity indicator
Reset	Hardware resetting button
Power Supply	12-24 VDC Passive PoE
Software Function	
Application Function	IFM,IPM
Channel Width	10/20/40 MHz
Channel Selection	Auto/manual selection
Network Protocol	NTP (network time synchronization),SADP (auto search for IP address),HTTPS (web management),SSH (debugging)
Security Mode	WPA2-PSK
Security Mechanism	Wireless network name hidden
Management Method	Web,iVMS-4200,HCP
Upgrade	Web,iVMS-4200,HCP
System Log	Syslog,Control center information

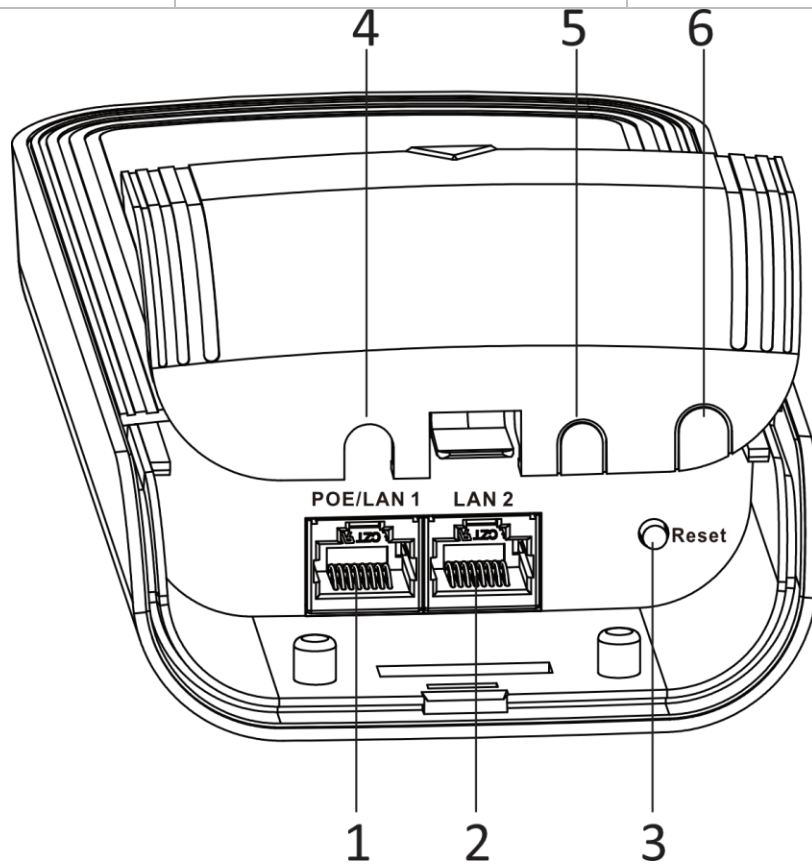| HPP	Support one-click activation and remote management via Hik-Partner Pro. Functions supported:
	1. Reboot device
	2. Restore device
	3. Display the topology information
	4. Display the connection status between AP and CPEs, including signal intensity, backgroud noise, sending & receiving rate
	5. Configure wireless settings, including working mode, SSID, password, channel, channel bandwidth, transmitting power
	6. Bridge alignment
	7. Spectrum scanning
Approval	
EMC	CE-EMC (EN 55032:2015+A11: 2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1: 2019, EN 50130-4:2011+A1: 2014, EN 55035:2017+A11: 2020)
Safety	CB (AMD1:2009, AMD2:2013, IEC 62368-1:2014 (Second Edition)), CE-LVD (EN 62368-1:2014+A11: 2017)
Chemistry	CE-RoHS (2011/65/EU),WEEE (2012/19/EU),Reach (Regulation (EC) No.1907/2006)
Radio	EN 301 893,EN 300 440,EN 62311,EN 301 489-3,EN 301 489-17

▪ Typical Application

▪ Physical Interface

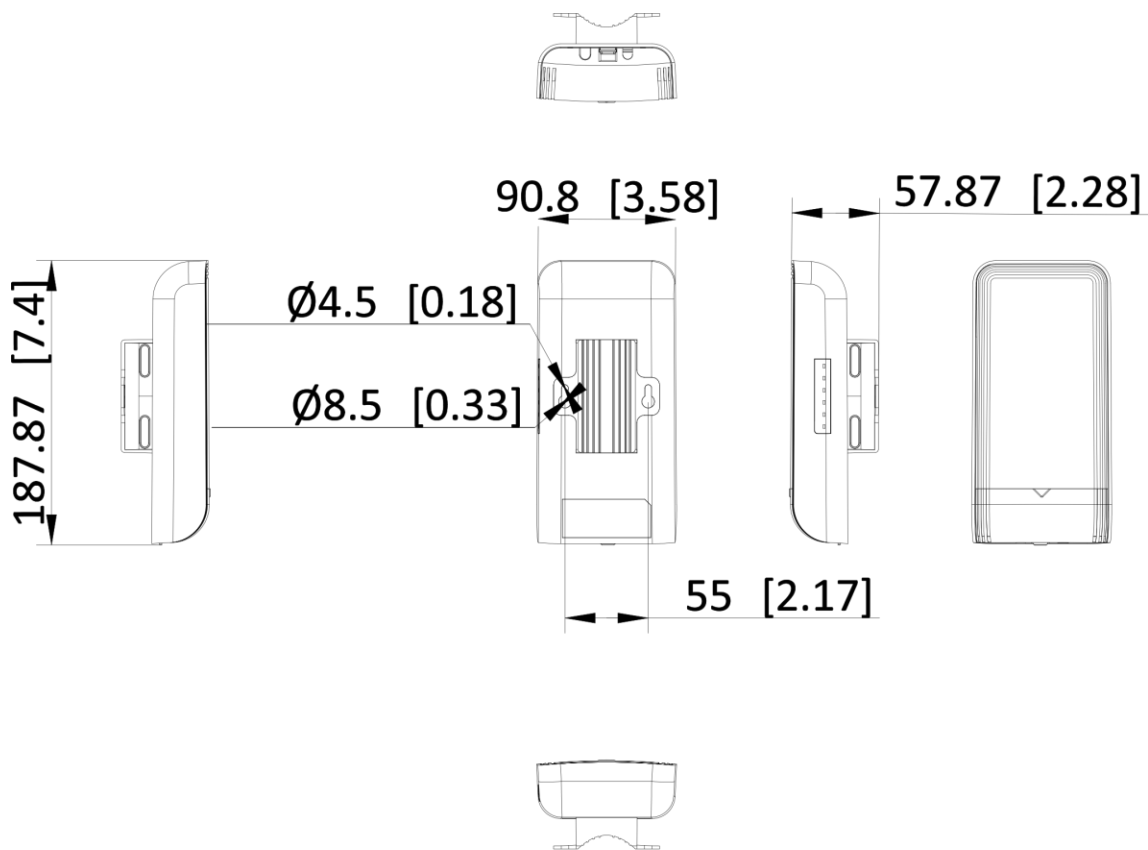| No.	Interface/Button	Description
1	PoE/LAN 1	The 10/100 Mbps adaptive RJ45 port, also can be used as a PoE port.
2	LAN 2	The 10/100 Mbps adaptive RJ45 port.

3	Reset	Long press for 4 seconds to restore to factory settings.
4/5/6	Network Cable Slot	Reserved for easy placement of the network cables.

▪ Available Model

DS-3WF0BC-2NT

▪ Dimension

HIKVISION®

90.8 [3.58]   57.87 [2.28]

187.87 [7.4]

Ø4.5 [0.18]

Ø8.5 [0.33]

55 [2.17]

Unit: mm [inch]

See Far, Go Further

HIKVISION®