

DS-3WF0BC-2NT(B) 2.4Ghz 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
- 802.11n wireless bridge
- Ideal Solution for Elevator Connection
- Plug and Play

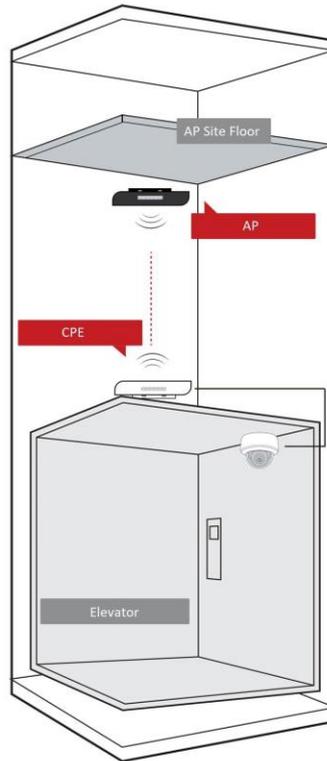
▪ Specification

| General | |
|---|---|
| Product Dimensions (W × H × D) | 80 mm × 41.94 mm × 136 mm (3.15" × 1.65" × 5.35") |
| Package Dimensions (W × H × D) | 256 mm × 231 mm × 86 mm (10.07" × 9.09" × 3.38") |
| Net Weight | 0.12 kg (0.26 lb) per device |
| Gross Weight | 0.7 kg (1.54 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, Regulatory Compliance and Safety Information × 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 | IP41 |
| Power Consumption | 1 W for typical (1-ch 2MP IPC), Max. 2 W |
| Wireless Parameter | |
| Max. Transmission Rate of Air Interface | ≤ 72 Mbps |
| Wireless Standard | IEEE 802.11b/g/n |
| Working Frequency Band | 2400 MHz ~ 2483.5 MHz |
| Antenna Gain | 7 dBi |
| Antenna Angle | (H) Beamwidth [3 dB] 50°, (V) Beamwidth [3 dB] 50° |
| Transmitting Power | 16 dBm @11b 1Mbps (Note: Transmitting power may vary with local regulations.) |
| Receiving Sensitivity | -85±2dBm @HT20 MCS0 |
| Throughput Rate | PTP: 30 Mbps/0.2 KM(HT20) |
| Hardware Parameter | |
| Network Interface | 1 × 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 | |
| Channel Width | 10/20 MHz |
| Channel Selection | Auto/manual selection |
| Network Protocol | NTP (network time synchronization), SADP (auto search for IP address), SSH (debugging) |
| Security Mode | WPA2-PSK |
| Security Mechanism | Wireless network name hidden |
| Management Method | Web, iVMS-4200 |
| Upgrade | Web, iVMS-4200 |
| System Log | Syslog |
| Application Function | Support adaptive frequency hopping. Support fault self-healed. |
| Approval | |
| EMC | CE-EMC(EN 55032, EN 55035, EN 61000-3-2, EN IEC 61000-3-2, EN 61000-3-3, EN 50130-4) |
| Safety | CB (IEC 62368-1), CE-LVD (EN 62368-1) |

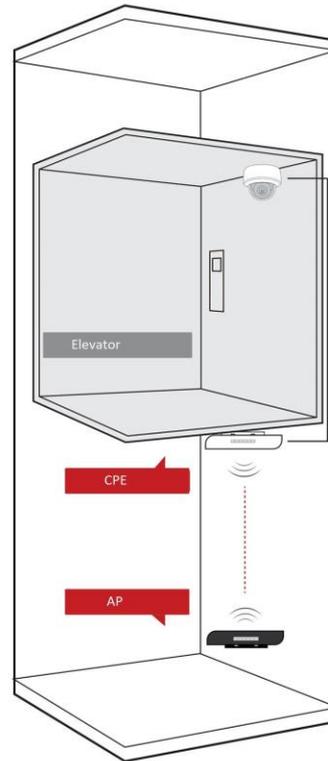
| | |
|-----------|---|
| Chemistry | CE-RoHS (2011/65/EU),WEEE (2012/19/EU),Reach (Regulation (EC) No.1907/2006) |
| Radio | EN 301 489-1, EN 301 489-17, EN 55032, EN 55035, EN 61000-3-2, EN IEC 61000-3-2, EN 61000-3-3, EN 50130-4, EN 300 328, EN 50385, EN IEC 62311, EN 62311, EN 62368-1 |

▪ **Typical Application**

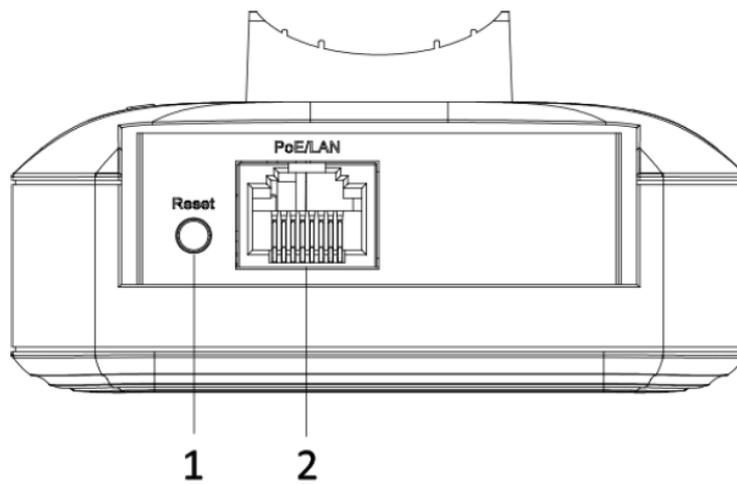
Scene 1



Scene 2



▪ **Physical Interface**



| No. | Interface/Button | Description |
|-----|------------------|---|
| 1 | Reset | Long press for 4 seconds to restore to factory settings. |
| 2 | PoE/LAN | The 10/100 Mbps adaptive RJ45 port, also can be used as a PoE port. |

▪ **Available Model**

DS-3WF0BC-2NT(B)

DS-3WF0BC-2NT(B)-AP

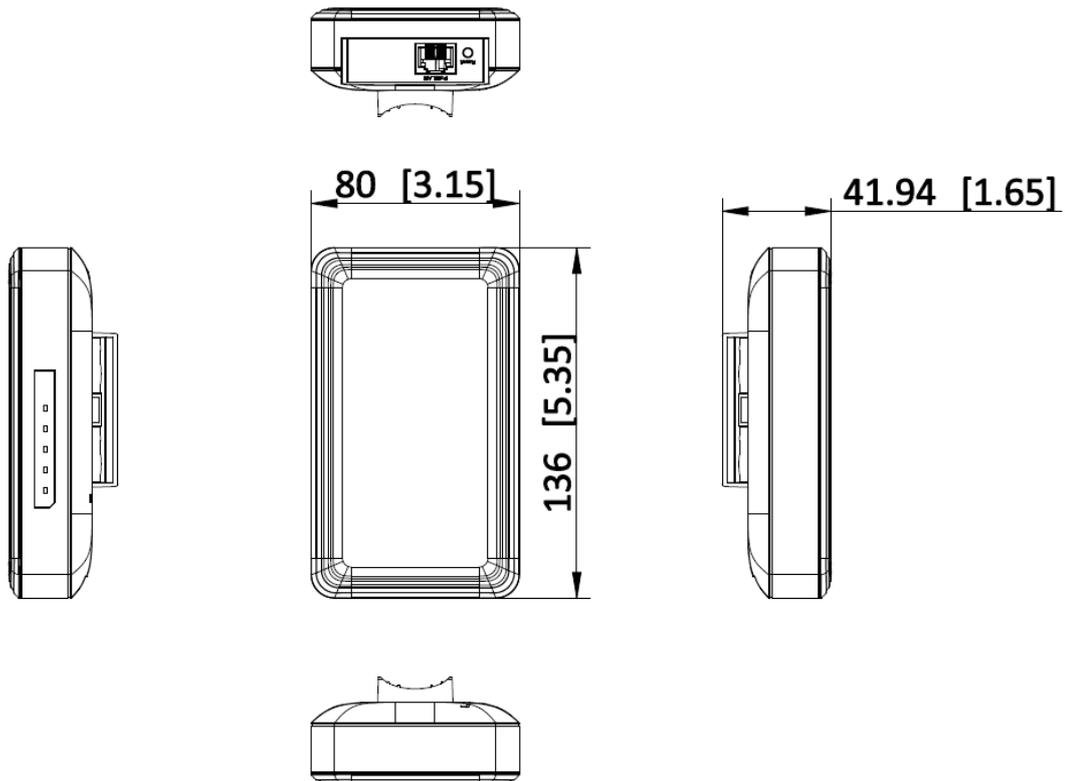
DS-3WF0BC-2NT(B)-ST

F-WL-B20B-TN-AP(iFLOW)

F-WL-B20B-TN(iFLOW)

F-WL-B20B-TN-ST(iFLOW)

▪ **Dimension**



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