

DS-3WF01C-2N Elevator Wireless Bridge

DS-3WF01C-2N wireless bridge can be applied to elevator internal CCTV system. It can transfer CCTV data through wireless signal instead of cable, which can reduce the cost.

Feature and Function

- Up to 500 m wireless transmission distance
- Special design for CCTV scenario with smooth video transmission
- Easy configuration through web interface
- Dual power supply mode options makes installation more flexible
- Signal indicator helps to find the best installation position and direction
- 300 Mbps 802.11n wireless.
- Build-in 6 dBi 2x2 MIMO antenna.
- Ideal solution for elevator connection.

Package Content

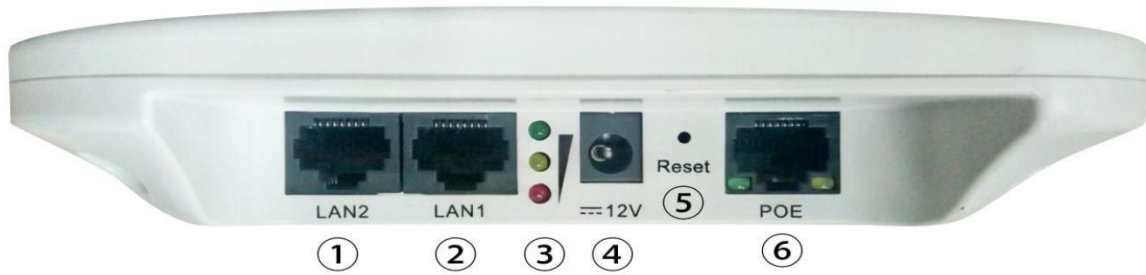
- DS-3WF01C-2N
- Power Adapter (12 V, 1 A)
- Mounting Bracket
- Pole Mounting Straps
- Quick Start Guide



Specification

Model	DS-3WF01C-2N
Wireless	
Standard	IEEE 802.11b/g/n
Operating frequency	2412~2472 MHz (Note: Available channel may vary depending on local regulations)
Antenna	Internal, Gain 6 dBi, H: 65° V: 60°
Output power	27 dBm (Note: Maximum output power may vary in different channels depending on local regulations)
Receive sensitivity	-72 dBm@65 Mbps, -97 dBm@1 Mbps
Wireless Link Rate	300 Mbps
Maximum power consumption	7.2W
Hardware	
Power supply	48 V/0.25 A 802.3 af PoE or 12 V/1 A DC
Passive PoE power supply distance	Up to 60 meters with Cat.5e or better
Interface	10/100 Mbps Base-TX × 3
Operating temperature	-30°C ~65°C (-22°F ~149°F)
Storage temperature	-40°C ~85°C (-40°F ~185°F)
Operating humidity	5%~95% RH non-condensing
Dimensions	150mm × 150mm × 43.5 mm (5.9×5.9×1.7 in)
Net weight	228.0g
Gross weight	977.5g
Software	
Encryption	WPA-PSK/WPA2-PSK
Network mode	Bridge
Application scenarios	AP/CPE
Security	IP/MAC filter, SSID hidden, Interface isolation
Network protocol	TCP/UDP/ARP/ICMP/HTTP/NTP
TDMA	Supported (Extend private communication protocol)
Auto ACK timing adjust	Supported (Distance of the devices auto-detected, and well-performed)
Management and Logs	NTP, Syslog
Configuration Management	Support web configuration
Firmware update	Support update firmware by Web page
Bandwidth	20 M/40 MHz

Physical Interface



No.	Description
1	Access to the camera, digital signage and other equipments
2	Access to the camera, digital signage and other equipments
3	Signal strength indicator
4	12 V DC power supply port
5	Restore default factory settings
6	PoE port connection with PoE power supply

Available Model

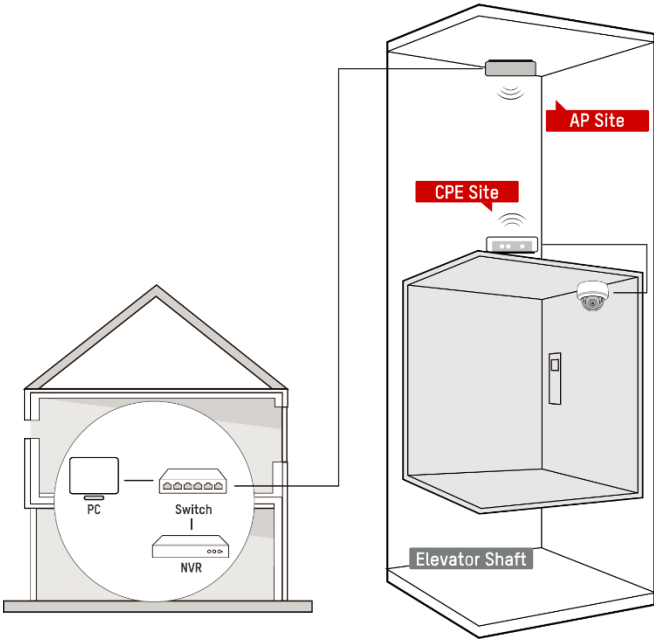
- DS-3WF01C-2N in pairs

Dimension (unit: mm)

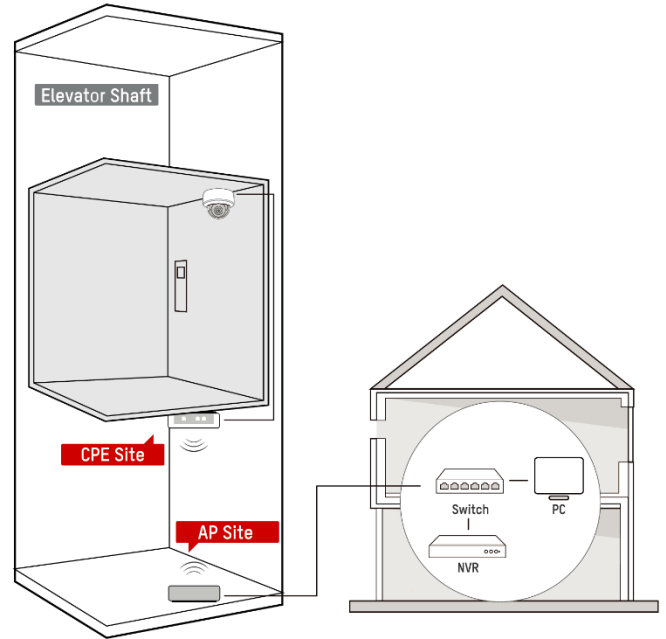


Typical Application

Typical Application 1



Typical Application 2



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