DS-3WF0AC-2NT

Elevator Wireless Bridge

DS-3WF0AC-2NT 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 100 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

· Built-in 8 dBi 2 × 2 MIMO Antenna

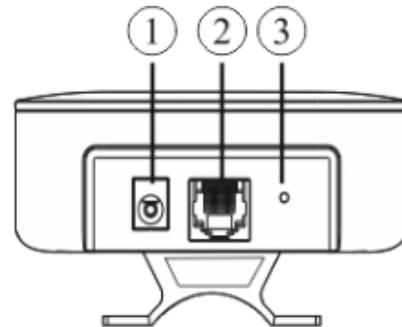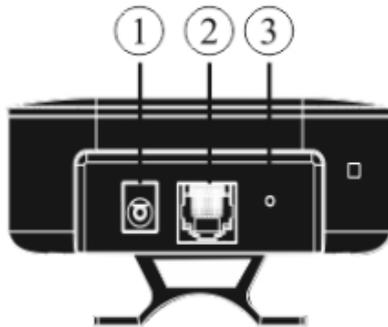· Ideal solution for elevator connection

Package Content

· DS-3WF0AC-2NT

· Power Adapter (12V, 1A)

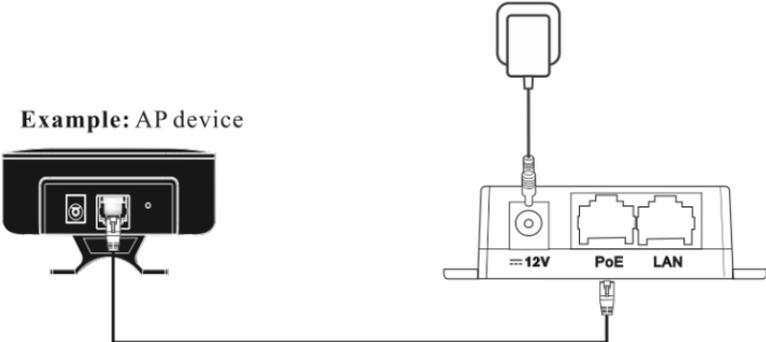· PoE Injector

· Pole Mounting Straps

· Quick Start Guide

Specification

| Model	DS-3WF0AC-2NT
Wireless	
Standard	IEEE 802.11 b/g/n
Operating frequency	2412~2472 MHz (Note: Available channel may vary depending on local regulations)
Antenna	Internal, Gain 8 dBi, Horizontal: 60° Vertical: 30°
Output Power	20 dBm (Note: Maximum output power may vary in different channels depending on local regulations)
Receive sensitivity	-92$\pm$1.5 dBm@1 Mbps, -72$\pm$1.5 dBm@ MSC7
Wireless Link Rate	300 Mbps
Maximum power consumption	2.8 W
Hardware	
Power supply	12 V/1 A passive PoE or 12 V/1 A DC
Passive PoE power supply distance	Up to 60 meters with Cat.5e or better
Interface	10/100 M Base-TX × 1
Reset Button	1
LED Indicator	1 × Power LED, 1 × LAN port LED, 3 × Signal strength LEDs(LED1, LED2, LED3)
Operating Temperature	-30°C ~ 55°C (-22°F ~131°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~158°F)
Operating Humidity	10% - 90% RH (non-condensing)
Storage Humidity	10% - 90% RH (non-condensing)
Dimension	193.5mm × 80mm × 67.5mm
Net Weight	0.69 kg
Gross Weight	0.77 kg
Software	
Encryption	WPA-PSK, WPA2-PSK
Working Scenarios	AP, CPE
Transparent Bridge	Support
SSID Hide	Support
SSID Quantity	1
Default Login IP	AP default IP 192.168.1.35, CPE default IP 192.168.1.36
Default User Name	admin
Diagnostics Tool	Signal Scanning
Device Management	HTTPS, SSH
Log Function	System log check
Configuration Management	Support web configuration
Firmware Update	Support firmware update by web page
Bandwidth	20 M/40 MHz

Physical Interface

SN	Port/Button	Description
①	$---$ 12V	Power jack. Use the included power adapter to connect this jack to a power source for power supply.
②	POE/LAN	This port is used to supply power over the Ethernet cable and transmit data. • To supply power to the device over the Ethernet cable, connect this port to the **PoE** port of the included PoE injector. • When the device is powered on using the included DC power adapter, you can connect this port to an Ethernet device for data transmission.
③	Reset	Reset Button. After the device is powered on for about 1 minute, hold down this button for about 8 seconds. When all the LED indicators on the device light up, the device is restored to factory settings.
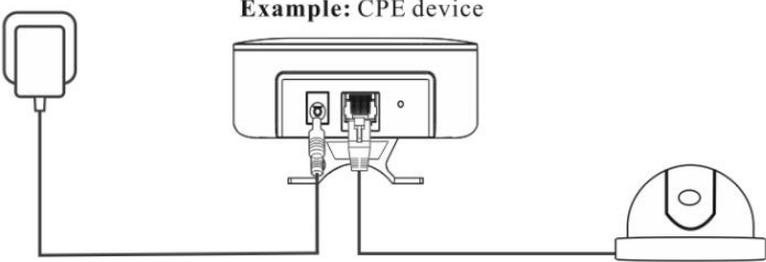
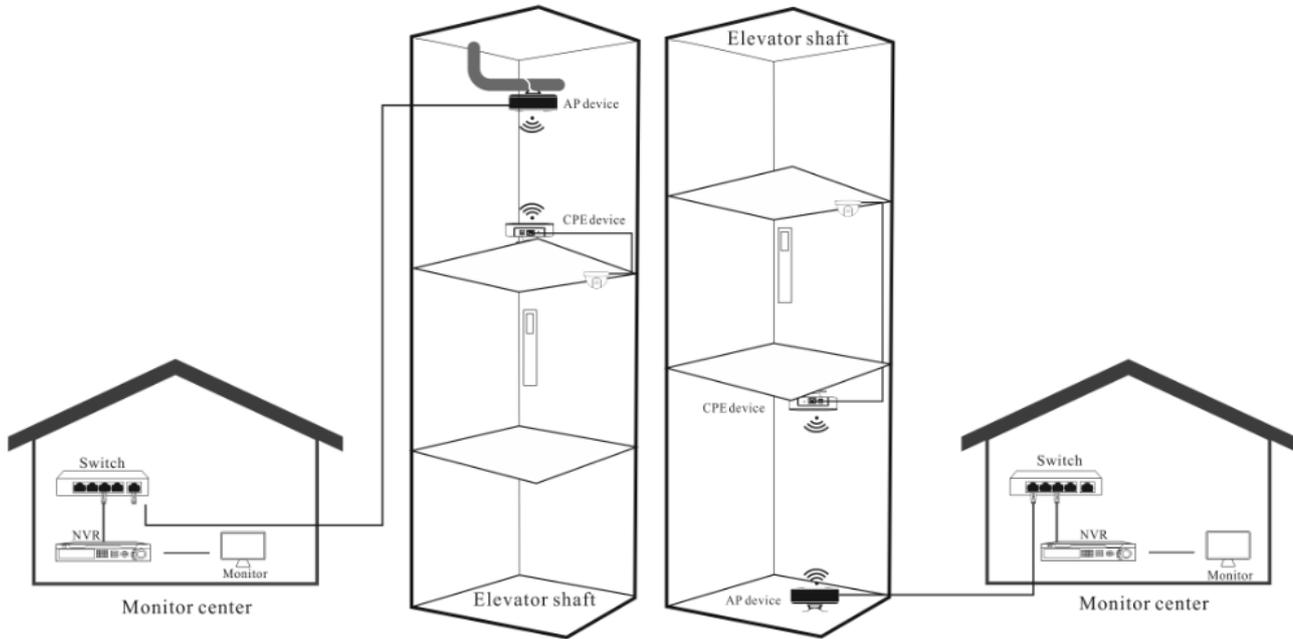## Available Model

· DS-3WF0AC-2NT in pairs

Dimension (unit: mm)
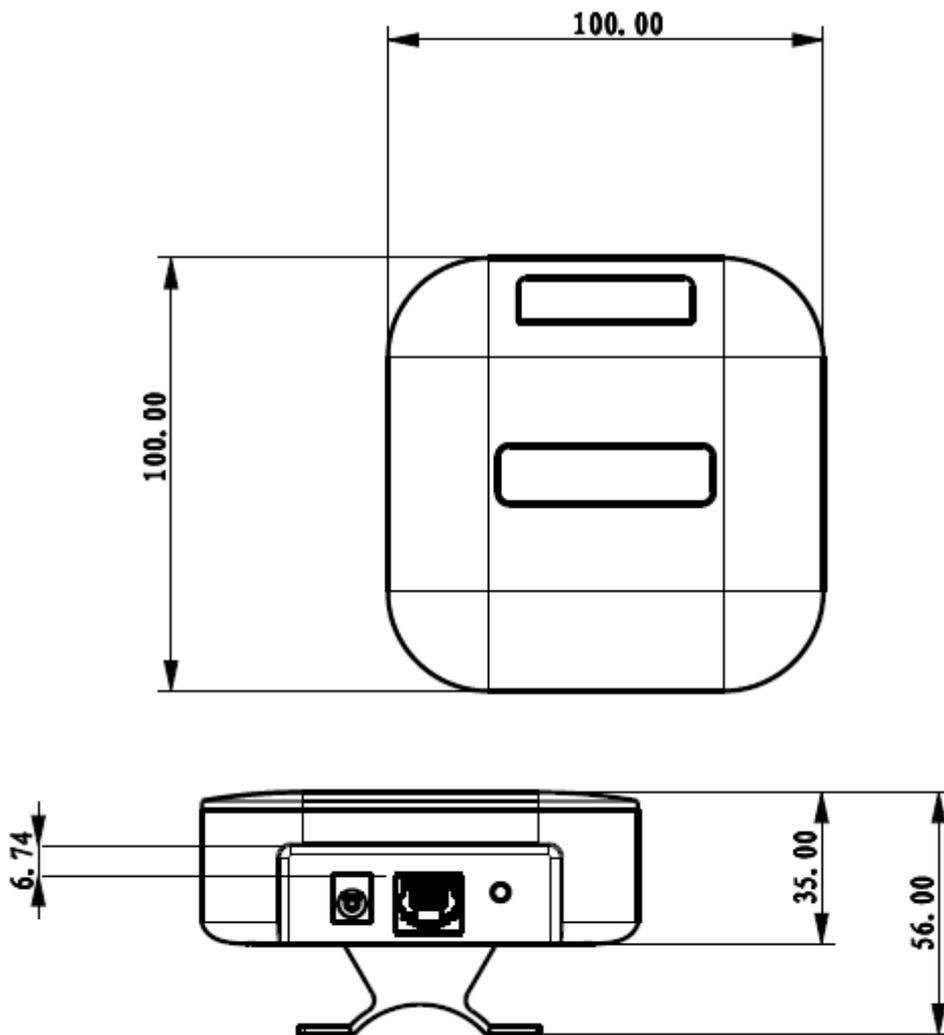
Typical Application

Scenario 1   Scenario 2

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