

DS-3WF02C-5N/O

Outdoor Wireless Bridge

DS-3WF02C-5N/O wireless bridge can be applied in industries, such as wireless video surveillance, 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.



Feature and Function

- Up to 5 km wireless transmission distance.
- 300 Mbps 802.11n wireless.
- Built-in 10 dBi 2x2 MIMO antenna.
- Point-to-Point, Point-to-Multipoint.
- Smooth video enhanced by TDMA technology.

Package Content

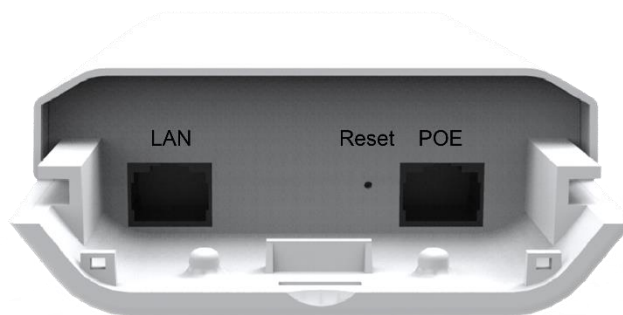
- DS-3WF02C-5N/O
- Power Adapter (24 V, 0.5 A)
- Power Cord
- Hoop
- Quick Start Guide



Specification

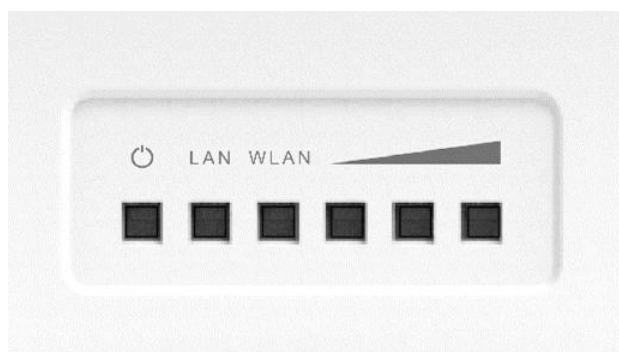
Model	DS-3WF02C-5N/O
Wireless	
Standard	IEEE802.11 a/n
Operating frequency	5180~5825 MHz (Note: Available channel may vary depending on local regulations)
Modulation	802.11 a/n: OFDM
Antenna	Gain: 10 dBi, H: 60°, V: 16°
Output power	24 dBm (Note: Maximum output power may vary in different channels depending on local regulations)
Receive sensitivity	-85 dBm@MCS0, -67 dBm@MCS7
Max transmission rate	300 Mbps
Maximum power consumption	9.1W
Hardware	
Power supply	24 V/0.5 A Passive PoE
Passive PoE power supply distance	Up to 60 meters with Cat.5e or better
Interface	10/100 Mbps Base-TX × 2
Operating temperature	-30°C ~75°C (-22°F ~167°F)
Storage temperature	-40°C ~85°C (-40°F ~185°F)
Operating humidity	5%~95%RH non-condensing
Dimensions	200mm × 98.8mm × 45.5mm (7.9×3.9×1.8 in)
LED indicator	Power indicator / LAN / WLAN / signal strength indicator
Net weight	246.5g
Gross weight	748.0g
Software	
Encryption	WPA-PSK/WPA2-PSK
Security	IP/MAC filter, SSID hidden
Network protocol	TCP/UDP/ARP/ICMP/HTTP/NTP
Management and Logs	NTP, Syslog, SNMP
Configuration Management	Support web configuration, Support SNMP management
Firmware update	Support update firmware by Web page
Bandwidth	20 M/40 MHz



Physical Interface



Physical Interface	Description
LAN	The reserved network port can be connected to front-end network devices such as IPC.
Reset	Used to restore the default factory settings.
POE	The network cable is connected to the “POE” on the PoE power module to provide power and data transmission to the device.

Indicator Description



Indicator	Description
	Power indicator. If the green light is steady on, it indicates that the power is on.
LAN	Network connection light. The light indicates there is one IPC or other network device connects to the LAN port of PoE adapter. Blinking means sending data.
WLAN	Wireless indicator light. The light indicates that the wireless is enabled. Blinking means sending data.
	Signal strength indicator light. Red light on, indicating that the signal is weak or no signal. Yellow and red lights on, indicating signal level is medium. Green, yellow and red lights on, indicating the wireless signal level is strong

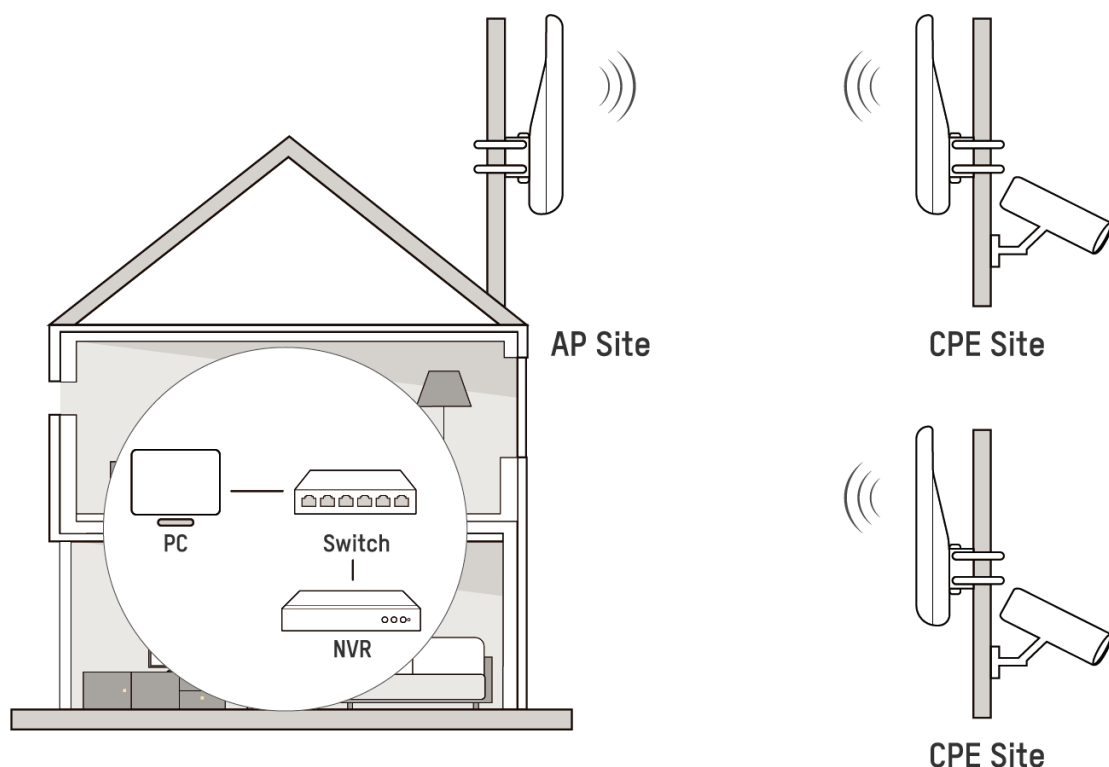
Available Model

- DS-3WF02C-5N/O

Dimension (unit: mm)



Typical Application



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