



WF-2572/WF-2572M

Ethernet to Wi-Fi Bridge

Features

- Frequency: ISM 2.4/5GHz
- Full compatible with IEEE 802.11 a/b/g/n
- Support WPA-PSK, WPA2-PSK for Wi-Fi encryption
- Plug-and-Play Ethernet to Wi-Fi connectivity
- USB base configuration
- No driver installation required
- Builtin Watchdog
- Operating temperatures, -25 °C ~ +75 °C



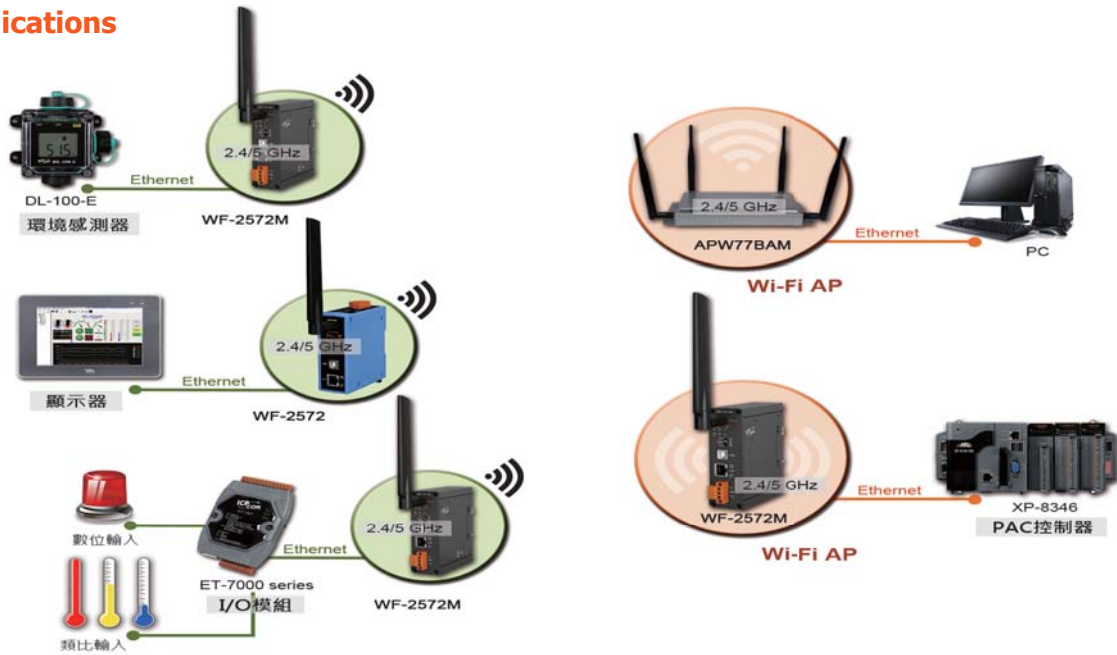
Introduction

The WF-2572(M) is an industrial Ethernet to Wi-Fi Bridge. The device only needs to connect the Ethernet cable with WF-2572M that can create an IEEE 802.11 a/b/g/n wireless personal network. The interface between Ethernet and Wi-Fi use transparent transmission so that it can convert Wi-Fi to wire internet without complex settings. The WF-2572M also supports dual bands (2.4/5 GHz). The 2.4 GHz is more crowded than 5 GHz. Therefore, the devices on 2.4 GHz suffer much more interference than the ones on 5 GHz. The WF-2572M has less interference on 5 GHz.

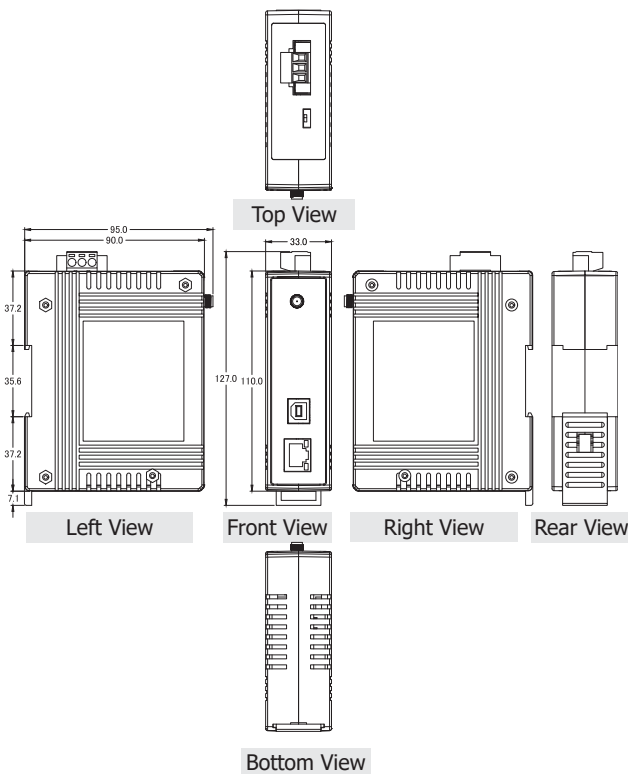
Specifications

Model	WF-2572	WF-2572M
Wi-Fi		
Transmission Distance (LoS)	50 m (LOS)	
Standard	IEEE 802.11 a/b/g/n	
Operation Mode	Limit-AP & Infrastructure	
Encryption	Open/WPA/WPA2	
Channels	2.4 GHz: CH1~11 5 GHz: CH36, 40, 44, 48	
Antenna	Omni-Directional 3 dBi @ 2.4 GHz 5.5 dBi @ 5 GHz	
Ethernet		
Ports	1 x RJ-45, 100Base-TX Ethernet Controller (Auto-MDIX)	
USB		
Specification	USB 2.0 Full-Speed	
Connector	USB type B	
Power		
Input Range	+10 ~ +30 VDC	
Consumption	1.6 W	
Mechanical		
Casing	Plastic	Metal
Dimensions (mm)	33 mm x 95 mm x 120 mm (W x L x H)	33 x 108 x 120 (W x L x H)
Installation	DIN-Rail	
Environment		
Operating Temperature	-25 ~ 75 °C	
Storage Temperature	-30 ~ 80 °C	
Humidity	10% ~ 95% (non-condensing)	

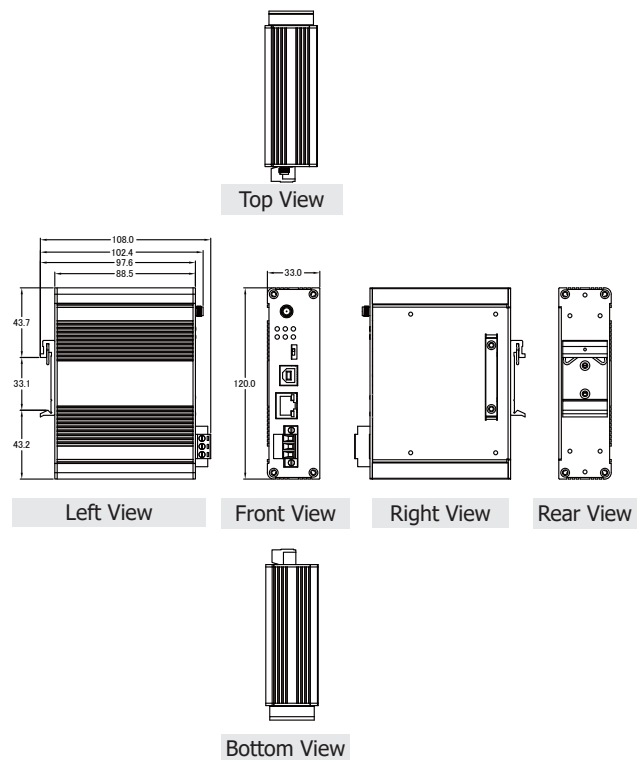
Applications



Dimensions WF-2572 (Units: mm)



Dimensions WF-2572M (Units: mm)



Ordering Information

WF-2572 CR	Ethernet to Wi-Fi Bridge with metal case (RoHS)
WF-2572M CR	Ethernet to Wi-Fi Bridge with metal case (RoHS)

Accessories

3S001-1 CR		Antenna Extension Cable, RG58A/U, RP-SMA Male to RP-SMA Female, 1M (RoHS)
3S003-1 CR		Antenna Extension Cable, RG58A/U, RP-SMA Male to RP-SMA Female, 3M (RoHS)
3S005-1 CR		Antenna Extension Cable, RG58A/U, RP-SMA Male to RP-SMA Female, 5M (RoHS)
3S008-1 CR		Antenna Extension Cable, RG58A/U, RP-SMA Male to RP-SMA Female, 8M (RoHS)