M12 Series-Gigabit Industrial Switch

USR-ISG005/ISG008-M12



Introduction

M12 Series-Gigabit Industrial Switch is designed specifically for industrial applications, using M12 connectors to ensure a tight and robust connection, and guarantees reliable operation on applications that are subject to high vibration and shock. This series of Ethernet switches offers 5/8 M12 Ethernet ports with a wide operating temperature of -40℃ to 75℃, which provides to user a safety and reliable solution.

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Product Features

- Plug and play
- Metal shell with IP40 protection
- Operating Temperature: -40℃~75℃
- Support full duplex and half duplex mode, auto-MDI / MDI-X
- Dual power Supply: DC 12-52V redundant power input
- Two types of cable connected options are available

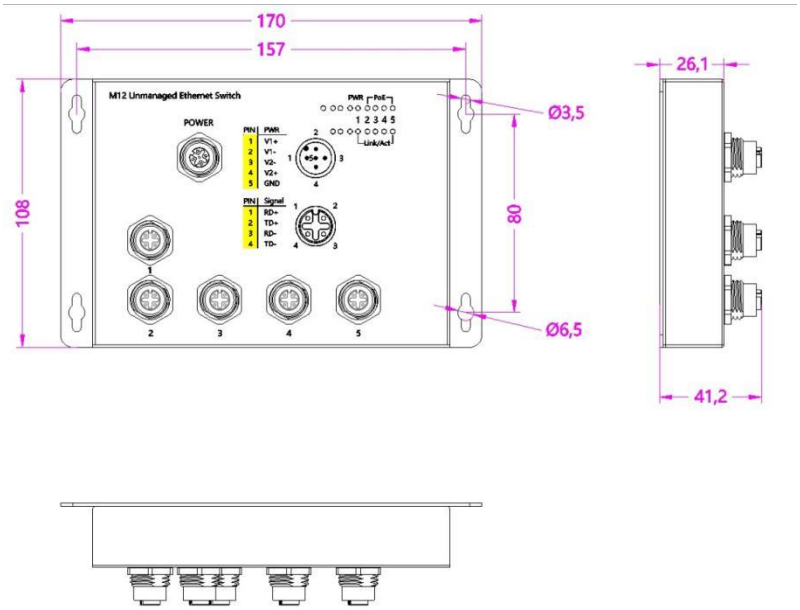
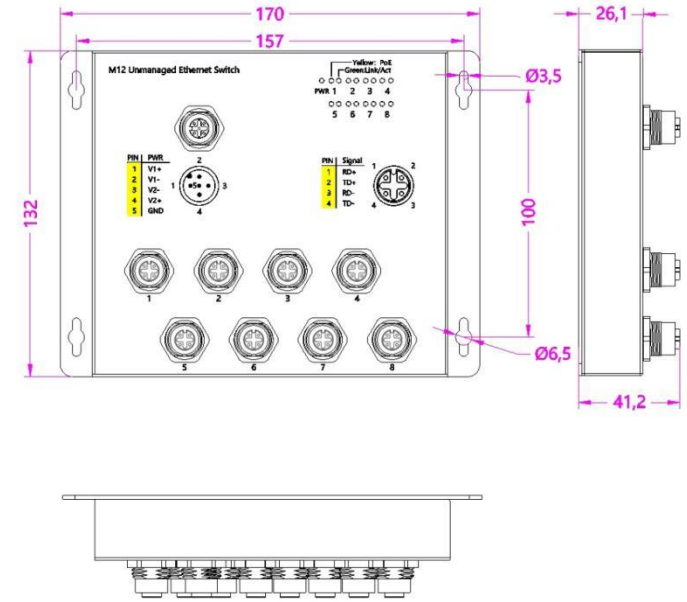
Specifications

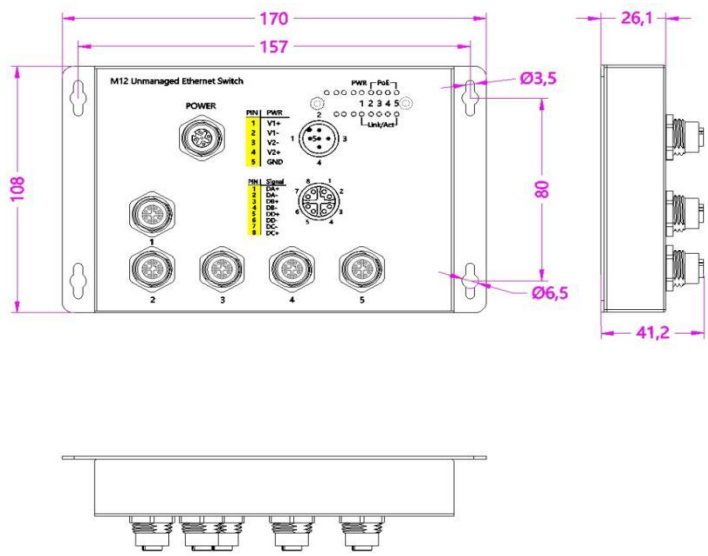
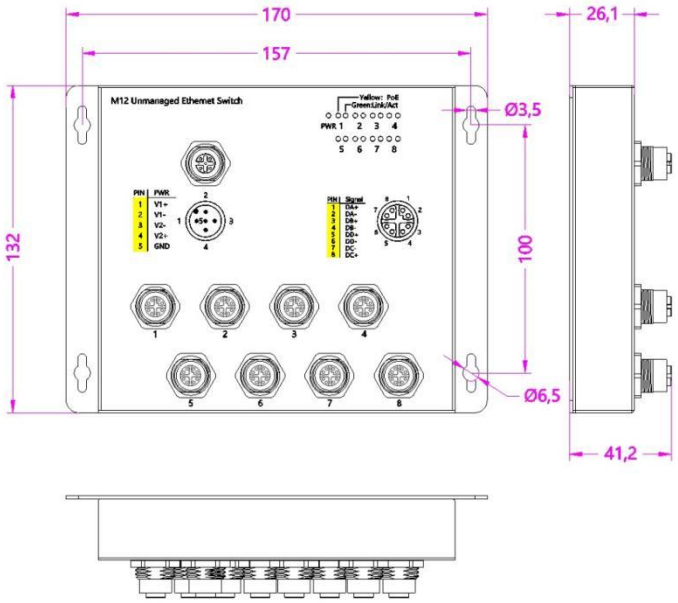
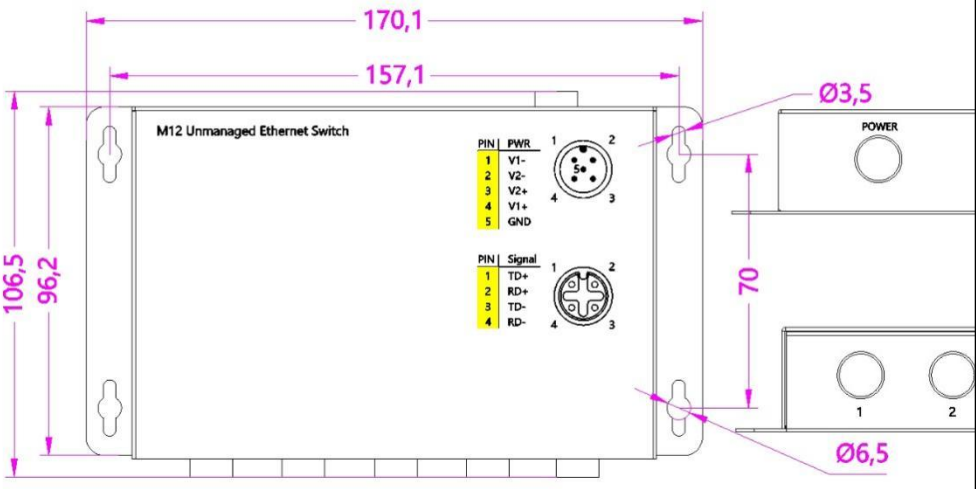
Model No.	USR-ISF005-M12-BG USR-ISF005-M12-CZ	USR-ISF008-M12-BG	USR-ISG005-M12-BG	USR-ISG008-M12-BG
Ethernet Port	5 port M12 A-coded 4-pin(F)	8 port M12 A-coded 4-pin(F)	5 port M12 X-coded 8-pin(F)	8 port M12 X-coded 8-pin(F)
Power Connector	M12 A-coded 5-pin(F)			
LED Indicator	PWR、Link/ACT、			
Bandwidth	1Gbps	1.6Gbps	10Gbps	16Gbps
Packet Forwarding Rate	0.74Mpps	1.19Mpps	7.44Mpps	11.9Mpps
Packet Buffer Memory	768kb	768kb	1.2Mb	2Mb
MAC Address Table	2k	2k	2k	4k
Network Protocols	IEEE 802.3、IEEE 802.3u、IEEE 802.3x		IEEE 802.3、IEEE 802.3u、IEEE802.3ab、IEEE 802.3x	
Operation Mode	Ethernet port support full duplex and half duplex auto negotiation, auto-MDI / MDI-X			
Environment	Working temperature: -40 ~ 75℃ Storage temperature: -40 ~ 85℃ Ambient Relative Humidity: 5%~95 %(no condensation)			
Installation	Wall-mounted，with cables exiting from the front/side panel			
Heat dissipation	Natural heat dissipation			
Power Input	DC 12-52V	DC 12-52V	DC 12-52V	DC 12-52V

Specifications

Model No.	Specifications	Picture
USR-ISF005-M12-BG (170x108x41.2 mm)	**5-Port Industrial Switch, Fast**	
USR-ISF008-M12-BG (170x132x41.2 mm)	**8-Port Industrial Switch, Fast**	
USR-ISG005-M12-BG (170x108x41.2 mm)	**5-Port Industrial Switch, Gigabit**	
USR-ISG008-M12-BG (170x132x41.2 mm)	**8-Port Industrial Switch, Gigabit**	
USR-ISF005-M12-CZ (170.1x106.5x28.9 mm)	**5-Port Industrial Switch, Fast (Vehicle-mounted)**	

Dimensions (mm)

USR-ISF005-M12-BG	
USR-ISF008-M12-BG	

USR-ISG005-M12-BG	
USR-ISG008-M12-BG	
USR-ISF005-M12-CZ	

Ordering Guide

Model No.	Specifications
USR-ISF005-M12-BG	Metal casing rugged unmanaged Industrial Switch, 5-Port M12 A-coded 10/100Mbps (4-pin), Power supply: DC12~52V (M12 A-coded 5-pin), work temperature：-40℃-75℃,
USR-ISF008-M12-BG	Metal casing rugged unmanaged Industrial Switch, 8-Port M12 A-coded 10/100Mbps (4-pin), Power supply: DC12~52V (M12 A-coded 5-pin), work temperature：-40℃-75℃,
USR-ISG005-M12-BG	Metal casing rugged unmanaged Industrial Switch, 5-Port M12 X-coded 10/100/1000Mbps (8-pin), Power supply: DC12~52V (M12 A-coded 5-pin), work temperature：-40℃-75℃,
USR-ISG008-M12-BG	Metal casing rugged unmanaged Industrial Switch, 8-Port M12 X-coded 10/100/1000Mbps (8-pin), Power supply: DC12~52V (M12 A-coded 5-pin), work temperature：-40℃-75℃,
USR-ISF005-M12-CZ	Metal casing rugged unmanaged Industrial Switch, 5-Port M12 A-coded 10/100Mbps (4-pin), Power supply: DC12~52V (M12 A-coded 5-pin), work temperature：-40℃-75℃

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