



Model:- VS-IMC-42

Industrial Grade Megabit 2 SC 4 RJ45 Optical Media Converter



The device adopts store-and-forward mode, high performance, low power consumption design, with compact size, easy to use, long life and other advantages. Product design in line with Ethernet standards, add lightning, anti-static, anti-reverse connection and other protective measures, -40°C ~ +85°C wide range of operating temperatures, no fear of extreme temperatures, stable and reliable performance, automatic learning and updating of the MAC address, comprehensively enhance the transmission and switching performance of the network, specifically designed for industrial environments. Dual redundant power inputs, multiple protections for long time work more stable, industrial Ethernet switch products adopt mature technology and open network standards, adapt to low temperature and high temperature, strong anti-electromagnetic interference, anti-smoke, anti-vibration and anti-shaking. Support DIN rail mounting, with IP40 protection level, is the perfect choice for harsh environments, widely used in intelligent transportation, industrial monitoring, mineral industry, electric power, water conservancy, oil fields, infrastructure, ports, energy, farms and wireless coverage and other data transmission areas, but also applies to many military and public utility market applications, such as more than the commercial product specifications of the environmental conditions.

1. Functional characteristics

- ▶ The device provides 4×10/100Mbps RJ45 port + 2×10/100Mbps Single-Mode SC Port;
- ▶ Network protocols | IEEE802.3 (Ethernet), IEEE802.3u (Fast Ethernet), IEEE802.3x (flow control);
- ▶ Support for IEEE802.3af and 0IEEE802.3at network protocols;
- ▶ Automatically responds to 10/100Mbps environments for easy network upgrades.
- ▶ Cross-wire, through the line automatic conversation should be, convenient system debugging and installation.
- ▶ Supports full-duplex and half-duplex network communication, port auto-rotation and auto-rate negotiation.
- ▶ High-standard electromagnetic anti-interference protection design, adapting to various harsh electromagnetic environments such as electric power and industrial plants;
- ▶ Support dual power supply access at the same time, redundant power supply, to ensure uninterrupted operation of the equipment, to provide dual power protection protection, greatly improving the reliability of the switch power supply;
- ▶ Selected industrial-grade devices with high standards of system design and production control, greatly reducing equipment failure.
- ▶ Full aluminum alloy shell, super heat dissipation, long service life.



*Product casing and specifications are subject to change without prior notice..



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2. Technical parameters

Feature	Specification
Product Type:	Megabit Industrial DIN-Rail Switches
Voltage:	DC 5~60V
Port Description:	2×10/100Mbps Single-Mode SC Port +4×10/100Mbps RJ45 port
Overall Power Consumption:	Full load <4W
POE power supply :	Not included (additions supported)
Fiber Optics:	Single-Mode/dual-Model,SC/FC(Default Single mode:SC)
MTBF:	100,000h
Operating Temperature:	-40°C~+85°C
Relative humidity:	5%~95% (non-condensing)
Indicator light:	PWR, LINK/ACT, POE
Antistatic:	8KV-15KV

3. Functional features

Feature	Specification
Exchange mode:	Store-and-forward
Packet forwarding rate:	1.9344Mpps
Forwarding delay:	<5us
flow control:	Yes
network topology:	Supports ring topology, star topology, bus topology, tree topology, etc.
Switch gear :	/
Switching capacity:	2.6Gbps
MAC Address Table:	2K
Polarity reversal :	Yes
Network standard :	IEEE802.3, IEEE802.3u, IEEE802.3x

4. Mechanical features

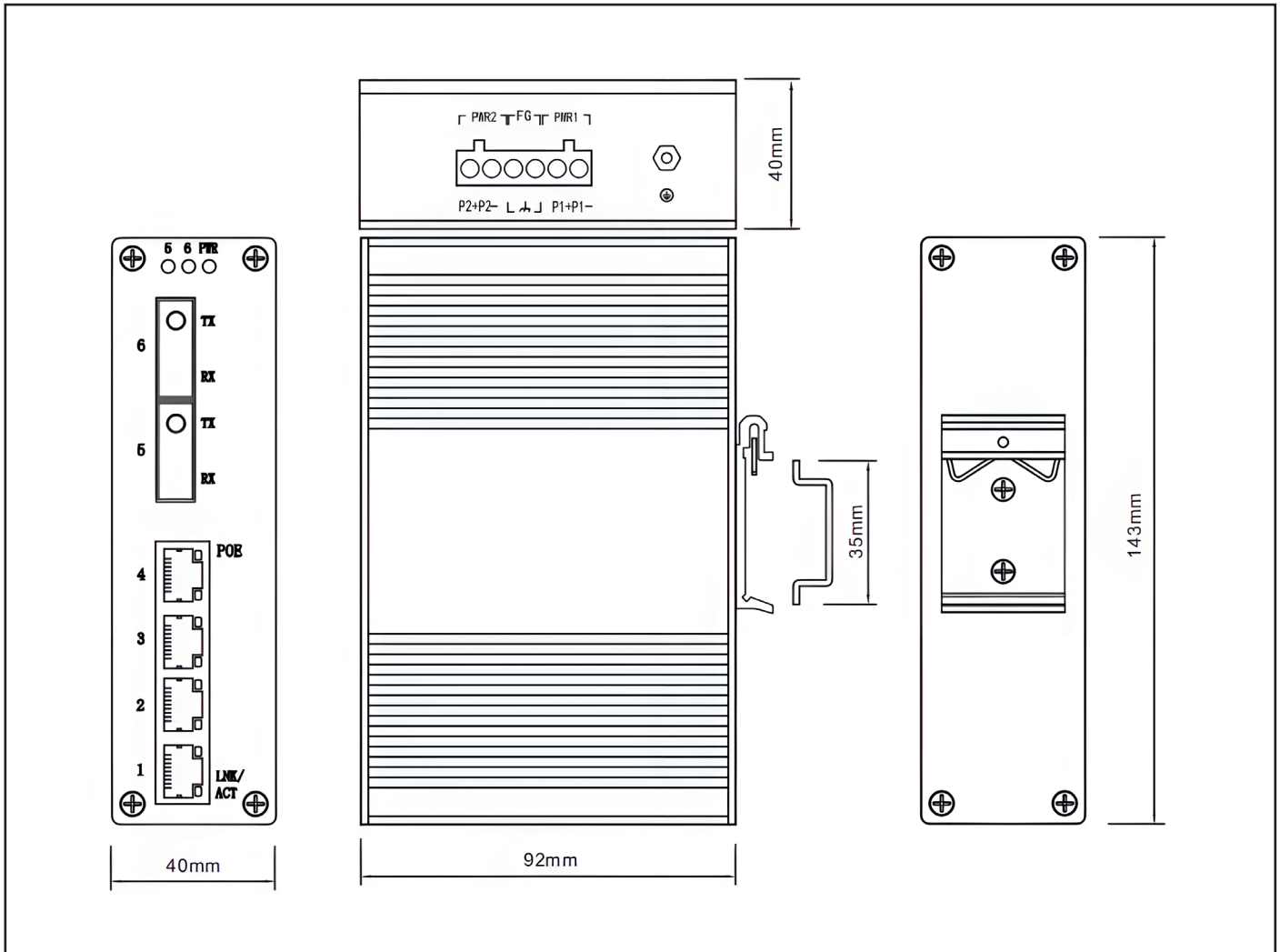
Feature	Specification
Protection class:	IP40
Product Model:	Model:- VS-MC-42
Package Size:	9.8*8.15*2.36inches
POE Port:	1-4
free-fall:	0.5m
Gateway Surge Protection:	IEC 61000-4-5 (6KV/3KV) (10/700us voltage wave)
Power Surge Protection:	IEC 61000-4-5 (4KV/2KV) (1.2/50us, 8/20us combined wave)
Installation:	Standard DIN-35 guides
weights:	21.16ounces
Product Size :	5.63*3.62*1.57inches(L*W*H)
Uplink Ports:	5、6
Antistatic interference:	IEC 61000-4-2 (8K/15K)



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5. Product structure diagram



Note: panels are subject to physical

6. Packing list

Feature	Specification
Switch:	1unit
certificate of conformity:	1unit
Instructions:	1copy
warranty card:	1unit

Note: Industrial grade switch, does not include power supply, if you need power supply by contacting the purchase.



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