

# V-IS10F-4P-SC20-A/B

## MAIN FEATURES



**4 Port 10/100Mbps POE+, 1 Port Fiber Uplink, Single mode, Single fiber, SC, 20KM Din rail, Support IEEE802.3af/at, Dual Power DC48-57V, Each port support Max 30W, -40°C to +75°C**

**Input Voltage:** DC48~57V (PoE)

**Operating Temperature:** -40°C~+75°C

**Shell:** IP40 protection, Fanless design

**Anti-static:** 8KV-15KV

## PRODUCT DESCRIPTION

This device 1\*100Base-X SC Fiber port, Single mode, Single fiber 4\*10/100M Base-T Industrial Ethernet Switches, PoE support. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. The device can be widely applied to various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

Also known as Industrial Ethernet Switch, which is an Ethernet switch device used in industrial control. Due to the adopted network standard, it is open, widely used, and inexpensive. It uses a transparent and unified

**Scodena**

TCP/IP protocol. The network has become the main communication standard in the field of industrial control.

Industrial switches feature carrier-grade performance to withstand harsh environments. With a wide range of products and flexible port configurations, it can meet the needs of various industrial fields. The product features a wide temperature design with a protection rating of no less than IP30 and supports standard and proprietary ring redundancy protocols

## KEY FEATURES



Industrial protection



Wide range of operating temperature



Surge protection for power



Surge protection for Ethernet port



Dual Power Supply



IEEE 802.3af/802.3at

## DIP SWITCH



|        |                                |
|--------|--------------------------------|
| 1 C/D  | Remote PD Reset                |
| 2 LGY  | Standard/Non-standard PoE Mode |
| 3 VLAN | Port Isolation                 |
| 4 RST  | Reset                          |

## PRODUCT PARAMETERS

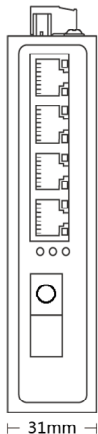
| Description                                   | Specifications                       |
|---|--------------------------------------|
| <b>Provider Mode Ports</b>                    |                                      |
| Fixed port                                    | 1*100Base-X SC, 4*10/100Base-T       |
| Power interface                               | Phoenix terminal, dual power supply  |
| LED Indicators                                | P1/P2, OPT                           |
| <b>DIP Switch</b>                             |                                      |
| 1 LFP   | Remote PD Reset                      |
| 2 LGY   | LEGACY (Standard & Non-standard PoE) |
| 3 VLAN  | Port Isolation                       |
| 4 BSR   | Storm Control Configuration          |
| <b>Cable type &amp; Transmission distance</b> |                                      |
| Twisted-pair                                  | 0-100m (CAT5e, CAT6)                 |
| Monomode optical fiber                        | 20KM SMF                             |
| <b>Electrical Specifications</b>              |                                      |
| Input voltage                                 | DC48~57V (PoE)                       |
| Total Power consumption                       | Total power<125W                     |
| <b>Network Topology</b>                       |                                      |
| Ring topology                                 | Unsupport                            |
| Star topology                                 | Support                              |
| Bus topology                                  | Support                              |
| Tree Topology                                 | Support                              |
| <b>Layer 2 Switching</b>                      |                                      |
| Switching capacity                            | 1G                                   |
| Packet forwarding rate                        | 0.744Mpps                            |
| Mac address table                             | 2K                                   |
| Buffer  | 768K                                 |
| Forwarding delay                              | <5us                                 |
| MDX/MIDX                                      | Support                              |
| Flow control                                  | Support                              |
| Jumbo Frame                                   | 2K Bytes                             |
| Storm Control                                 | Support                              |
| Remote PD Reset                               | Support                              |
| Port Isolation                                | Support                              |
| <b>PoE</b>                                    |                                      |
| PoE port                                      | 1                                    |
| PoE Protocol                                  | 802.3af, 802.3at                     |
| Pin Assignment                                | 1,2,3,6                              |

|                                     |  |
|-------------------------------------|--|
| PoE Mode                            | Standard & non-standard are supported                                  |
| Remote PD Reset                     | Supported  |
| <b>Environment</b>                  |  |
| Operating temperature               | -40°C~+75°C  |
| Storage temperature                 | -40°C~+75°C  |
| Relative humidity                   | 10%~90% (non-condensing )  |
| Thermal methods                     | Fanless design, natural cooling  |
| MTBF                                | 100,000 hours  |
| <b>EMC &amp; INGRESS PROTECTION</b> |  |
| IP Level                            | IP40   |
| Surge protection of Power           | IEC 61000-4-5 Level 3 (4KV/2KV )<br>(8/20us)                           |
| Surge protection of Ethernet port   | IEC 61000-4-5 Level 3 (4KV/2KV )<br>(10/700us)                         |
| ESD                                 | IEC 61000-4-2 Level 4 (8K/15K )  |
| <b>Mechanical Dimensions</b>        |  |
| Product size                        | 31*91*118mm (W×H×D)  |
| Installation Method                 | DIN rail   |
| Weight                              | 0.36KG   |
| <b>Authentication</b>               |  |
| <i>Authentication</i>               | <i>CCC/CE/FCC/RoHS</i>   |
| <b>Accessories</b>                  |  |
| Accessories                         | Device, Terminals, Specification, Certificate, power adapter(optional) |

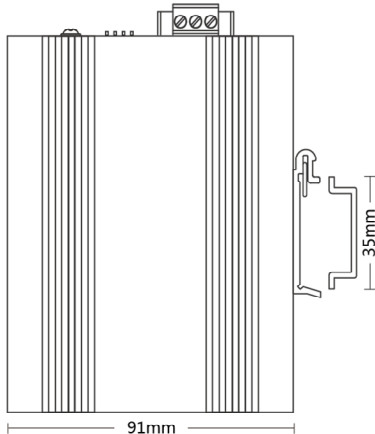
## ORDERING INFORMATION

| <b>Switch</b>  |  |
|--|--|
| Product number   | Product description  |
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| <b>Package Contents</b>  |  |
| <ul style="list-style-type: none"> <li>• 1x Device</li> <li>• 1x Phoenix Terminal</li> <li>• 1x Qualified Certificate</li> <li>• 1x Instruction &amp; Warranty Card</li> </ul> |  |

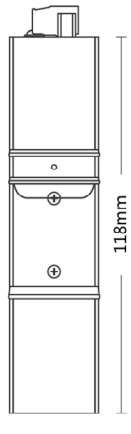
# SIZE AND APPEARANCE



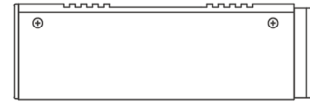
Front view



Side view



Back view



Bottom view



Top view