



## 8-Port Gigabit+2-Port Gigabit SFP Unmanaged Industrial PoE Ethernet Switch FR-IS1010PEGF-D

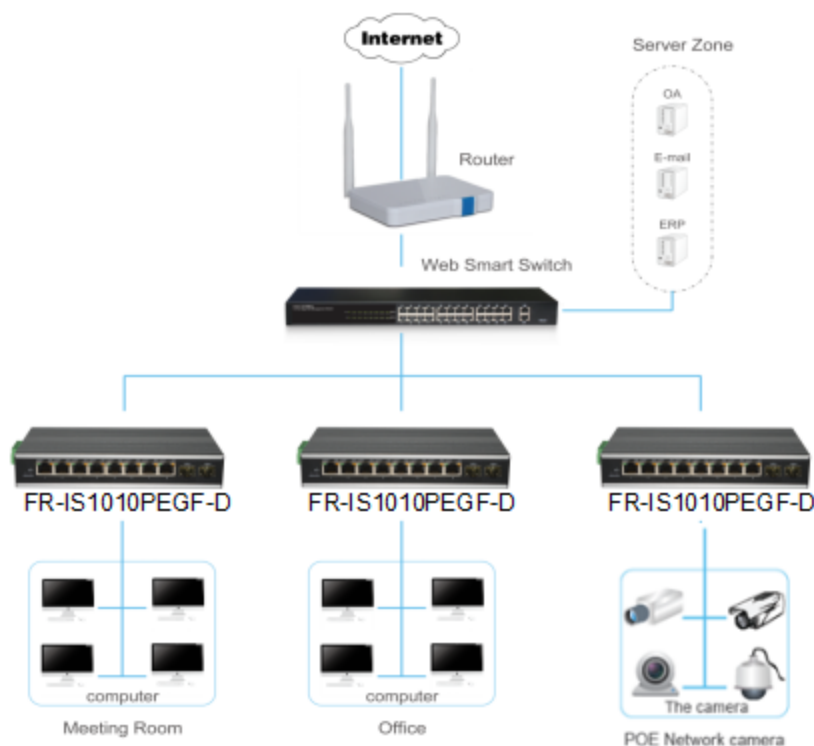
### Features

- Wire-speed forwarding, intelligent recognition
- Dual DC 44-57V wide range power redundancy inputs
- Compatible with IEEE802.3af/at standard, Each PoE port power up to 30W
- Working temperature range of -40~75 °C
- IP40 protection grade
- Port surge protection up to 6KV
- Power off alarm(1 way relay output, current load capacity 1A @ 24VDC)
- DIN rail installation

### Description

FR-IS1010PEGF-D is 8 ports 10/100/1000Mbps + 2 ports 100/1000Mbps SFP Unmanaged Industrial PoE Ethernet Switch . 8 PoE ports comply with 10/100/1000Mbps, IEEE802.3af and IEEE802.3at. Also each PoE ports can provides power up to 30W . With simple and understood LED indicator light on the front panel,so that you can quickly judge the working state of the switch and help to diagnose the network failure. This product is designed for harsh industrial environment. Supports dual DC44~57V wide range power redundancy inputs; IP40 protection grade metal chassis design; DIN rail installation; port surge protection up to 6KV; the working temperature range of -40~75 °C, can meet the special needs of industrial automation control.

### application



## I Features

- Comply with IEEE 802.3i, IEEE802.3z , IEEE 802.3u, IEEE802.3x, IEEE802.3ab standards
- 8 PoE ports comply with IEEE802.3af 、 IEEE802.3at standards
- 8 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet port
- Two 100/1000Mbps SFP Slots
- Supports IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- 4K MAC address table of the switch with auto-learning and auto-aging
- LED indicators for monitoring PoE, Link / Activity
- Dual DC44~57V wide range power redundancy inputs
- Power off alarm(1 way relay output, current load capacity 1A @ 24VDC)
- Metal chassis design supports IP40 protection grade and DIN rail installation
- Port surge protection up to 6KV

## I Specification

|                          |  |                                  |
|--------------------------|--|----------------------------------|
| Model                    | FR-IS1010PEGF-D  |                                  |
| Chipset                  | VSC7512+VSC8514+2*TPS23861   |                                  |
| Standards and Protocols  | IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3ab、 IEEE 802.3x、 IEEE 802.3z、 IEEE 802.3at、 IEEE 802.3af   |                                  |
| Interface                | 8 x 10/100/1000Mbps Auto-Negotiation ports<br>2x 100/1000Mbps SFP ports  |                                  |
| Network Media            | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)<br>100BASE-Tx: UTP category 5, 5e cable (maximum 100m)<br>1000Base-T: UTP category 5e, 6 cable (maximum 100m)<br>1000Base-SX: 62.5µm/50µm MMF(2m~550m)<br>1000Base-LX: 62.5µm/50µm MMF(2m~550m)Or 10µm SMF ( 2m~5000m) |                                  |
| Transfer Method          | Store-and-Forward  |                                  |
| MAC Address Table        | 4K   |                                  |
| Switching Capacity       | 20Gbps   |                                  |
| Packet Forwarding Rate   | 14.88Mpps  |                                  |
| Packet Buffer            | 1.75Mbits  |                                  |
| PoE Ports(RJ45)          | 8 PoE ports compliant with 802.3at/af  |                                  |
| Power Pin Assignment     | 1/2(+),3/6(-)  |                                  |
| PoE Budget               | 240W   |                                  |
| Jumbo Frame              | 9600Bytes  |                                  |
| LED indicators           | Per Device   | Power(Green)                     |
|                          | Per Port   | Link/Activity(Green) PoE(Yellow) |
| Power Supply             | Dual DC44~57V inputs   |                                  |
| Power Consumption        | Maximum: 255W (DC 53.5V)   |                                  |
| Dimensions ( W x D x H ) | L190*W101*H35 mm   |                                  |
| Environment              | Operating Temperature: -40°C - 75°C<br>Storage Temperature: -40°C - 85°C<br>Operating Humidity: 5%~95% RH non-condensing<br>Storage humidity: 5%~95% RH non-condensing   |                                  |