8-port 10/100M Ethernet + 2-port Gigabit SFP, Din-Rail, Layer2, Managed

➢ Features

- Support 8-port 10/100M RJ45 +2 Gigabit SFP ports;
- Support static multicast filtering, IGMP Snooping;
- Support MW-Ring redundancy technique (failure recovery time <20ms);
- Support STP/RSTP/MSTP;
- Support managed function such as VLAN, QoS, Trunking, and port mirroring;
- Support CLI, WEB, Telnet, SNMP management;
- Support RMON and private MIB table;
- Support firmware upgrade online;
- Support relay alarm output;
- Support indicator status display;
- Support IP40 protection, aluminum alloy shell, fanless design;
- Support Broadcast storm suppression;
- Support dual DC12-48V or single AC/DC 220V power supply;
- Power supply input support anti-reverse protection and non-polarity;
- Support over Voltage, over current, EMC protection;
- Support -40-75°C wide operating temperature range;
- DIN-Rail or wall Installation;
- Comply with IEC61850-3 standard;

➢ Introduction

UPCOM IES3010-2GS is a rugged industrial grade, Din-Rail, layer2, Managed Ethernet switch which supports 8-port 10/100M RJ45 +2 Gigabit SFP ports. It provided some kinds of advanced network managed function, such as: MW-Ring redundancy technology (failure recovery time<20ms), VLAN, multicast, Quality of Service, Speed control, port mirroring, fault alarm and firmware remote update, also support CLI, WEB, Telnet, SNMP management, provide a user-friendly web console interface for easy configuration.

IES3010-2GS adopts standard Industrial design, IP40 protection, aluminum alloy shell, support Din-rail or wall installation, fanless design, EMC level 4 protection, dual power DC12-48V or single AC/DC220V optional, can satisfied the requirement of various industrial applications such as Industrial automation, smart grid, rail transportation industry, safely city, and new energy, etc.
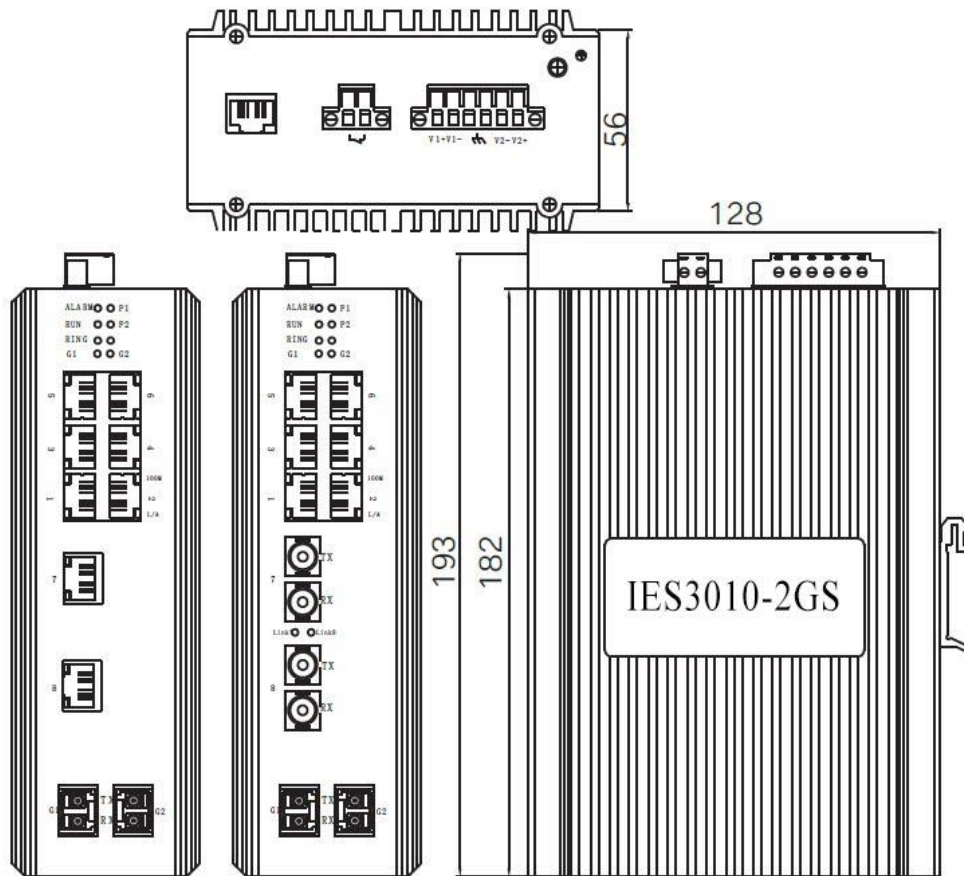
➢ Application

- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
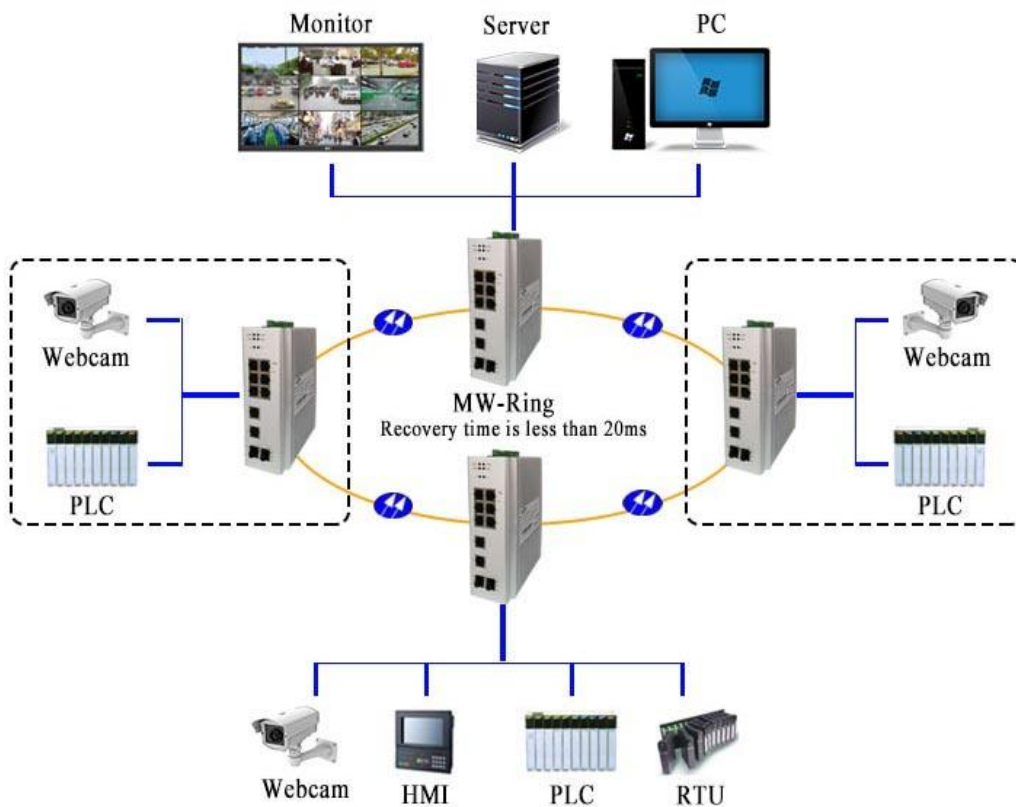- Electric Power Industry
- Smart City

➤ Specification

Specification	
Product Name	10-port Din-Rail Managed layer2 Industrial Ethernet switch
Product Model	IES3010-2GS
Port Definition	8-port 10/100M RJ45 + 2-port Gigabit SFP + 1 Console port
Console port	RS232/RJ45
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block,1A@24VDC
Software Function	
Redundancy protocol	Support MW-Ring redundancy and the recovery time<20ms
	Support STP/RSTP
Multicast routing	Support IGMP snooping/ IGMP v1/v2/v3
	Support GMRP
	Support static multicast
Management and maintenance	Support Console and Web management
	Support SNMPv1/v2c
	Support unified PC software management
Ethernet Standard	IEEE802.3-10BaseT IEEE802.3u-100BaseTX/100Base-FX IEEE802.3x-Flow Control IEEE802.3z-1000BaseLX IEEE802.3ab-1000BaseTX IEEE802.1ab IEEE802.1D-Spanning Tree Protocol IEEE802.1w-Rapid Spanning Tree Protocol IEEE802.1Q -VLAN Tagging IEEE802.1p -Class of Service IEEE802.1X-Port Based Network Access Control
Switch capability	
Priority Queues	4
VLAN Number	1-4096
IGMP Groups	256
MAC Table Size	8K
Backplane bandwidth	5.8Gbps
Switch Delay	<5µs
Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	10/100Base multi-mode: 850nm 2km
Single mode fiber	10/100Base single mode: 1310nm 20km; 1550nm 40/60/80/100/120km

LED indicator lights	
Front panel LED lights	Port light: LINK/ACT;SPEED; GX
	Running light: RUN
	Power LED: PWR1/PWR2
	Ring LED: RING
Power	
Input power	Dual power DC12-48V or Single power AC/DC220V
Full-load consumption	<10W
Overload protection	support
Inversed protection	support
Redundancy protection	support
Working Environment	
Operating Temperature	-40°C~75°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95% (non-condensing)
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	35mm din-rail Installation
Dimension	56mm*182mm*128mm
Industry standard	
EMC	EN61000-4-2(ESD), Level 4 EN61000-4-3(RS), Level 4 EN61000-4-4(EFT), Level 4 EN61000-4-5(Surge), Level 4 EN61000-4-6(CS), Level 4 EN61000-4-8, Level 5
Impact	IEC60068–2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6
Warranty	
Warranty	5 Years
Certification	CE, FCC, RoHS

➢ Dimension

➢ Connection

➢ Ordering Information

Model NO.	Description
IES3010-2GS	8-port 10/100M Base-T(X) +2-port Gigabit SFP, Dual DC12-48V
IES3010-2F-2GS	6-port 10/100M Base-T(X)+2-port 100M FX+2-port Gigabit SFP, Dual DC12-48V
IES3010-4F-2GS	4-port 10/100M Base-T(X)+4-port 100M FX+2-port Gigabit SFP, Dual DC12-48V
IES3010-8F-2GS	8-port 100M FX+2-port Gigabit SFP, Dual DC12-48V
IES3010-2GS-AD220	8-port 10/100M Base-T(X)+ 2-port Gigabit SFP, Single AC/DC220V
IES3010-2F-2GS-AD220	6-port 10/100M Base-T(X)+2-port 100M FX+2-port Gigabit SFP, Single AC/DC220V
IES3010-4F-2GS-AD220	4-port 10/100M Base-T(X)+4-port 100M FX+2-port Gigabit SFP, Single AC/DC220V
IES3010-8F-2GS-AD220	8-port 100M FX+2-port Gigabit SFP, Single AC/DC220V

➢ Packing List

- Industrial Ethernet Switch *1
- User manual * 1
- Certificate of quality * 1
- Warranty card * 1