

4-port 10/100/1000M Ethernet + 2-port Gigabit SFP, Din-Rail, Managed

➤ Features

- Support 4-port 10/100/1000M 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, UPCOM 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;
- Warranty:5years



➤ Introduction

UPCOM **IES3006G-4G-2GS** is a rugged industrial grade, Din-Rail, layer2, Managed Ethernet switch which supports 4-port 10/100/1000M 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.

IES3006G-4G-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 satisfy the requirement of various industrial applications such as Industrial automation, smart grid, rail transportation industry, safety city, and new energy, etc.

➤ Application

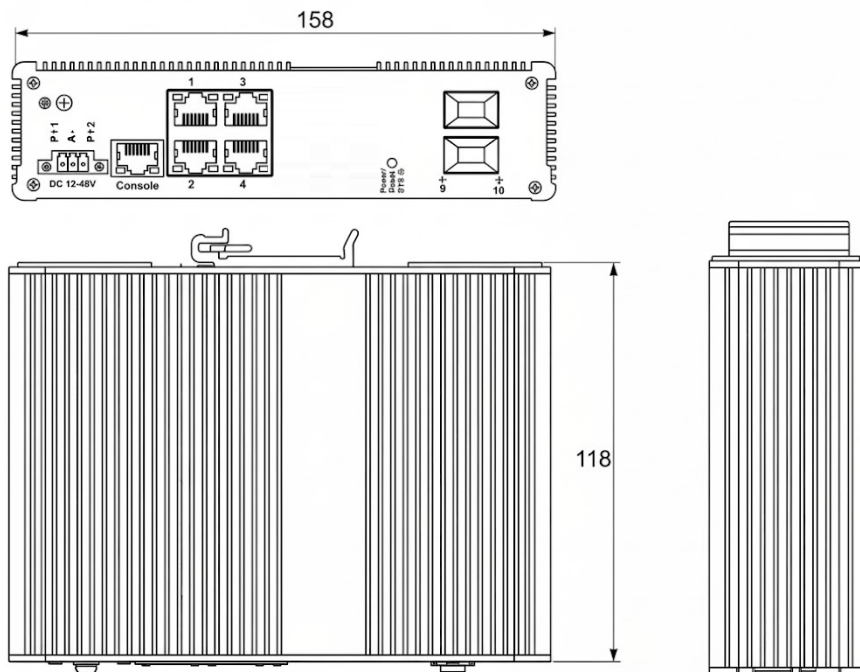
- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Smart City

➤ Specification

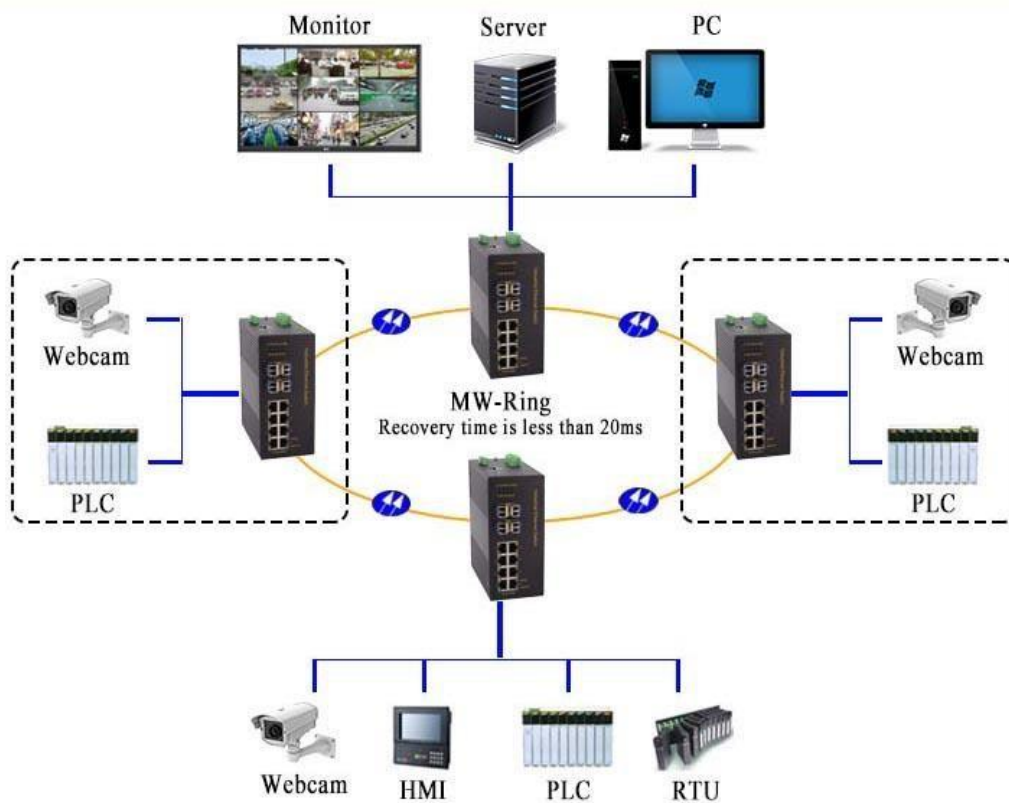
Interface	
Fiber Port	2*100/1000Base-X SFP
Ethernet Port	4*10/100/1000 Base—T
Manage Port	1*RJ45 Console port
Power connector	3P Phoenix terminal, dual power supply redundancy
LED Indicator	PWR (green); System indicator:SYS(green); Network port indicator:yellow(1000 or POE) Green (Link)
Cable type and distance	
Twisted pair cable	0-100m (CAT5e, CAT6)
Single-mode fiber	20/40/60/80/100KM
Multimode fiber	550m/2KM
Optical fiber interface	LC/SC
Network topology & scale	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree topology	Support
Hybrid topology	Support
Electrical characteristics	
Input voltage	DC10-58V/AC 100-240V 50-60HZ
Power consumption	Non-POE full load (Total power) <10W POE full load <132W
PoE Support(Optional)	
PoE ports	1-4
PoE protocol	802.3af, 802.3at
PoE pin assignment	1,2,3,6
PoE management mode	Support
L2 Features	
Exchange capacity	40G
Packet forwarding rate	14.9Mpps
MAC address table	16K
VLAN support and quantity	Support 4K
Report buffer	8M
Forwarding delay	<10us
Port characteristics	Cross-connect and direct-adaptive
Flow control	Support

Jumbo frame support	Support 10Kbytes
Spanning Tree Protocol	Support STP/RSTP/MSTP
Ring network protocol	Support ERPS
Link aggregation	Support 12 groups
Multicast	Support IGMP Snooping
Port mirroring	Support
Storm suppression	Support
Port traffic statistics	Support
Port flow system	Support
QINQ	Support
Protection	Shell: IP40 protection, aluminum alloy housing IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us) IEC 61000-4-5 Level 3 (6KV/2KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-4 Level 3 (1V/2V) IEC 61000-4-6 Level 3 (10V/m) IEC 61000-4-8 Level 4 (30A/m) IEC 61000-4-11 Level 3 (10V) EMI CLASS A IEC 61000-4-2 Level 4 (15KV/30KV) Free fall 0.5m
Convergence Service	
ACL	Support 500 ACLs; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACL;
QoS	Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling; Support entry speed limit and exit speed limit; Support flow-based QoS
Management function	
Command line	Support
Management serial port	Support
Telnet	Support
WEB management	Support
SNMP	Support SNMPv1/v2c
User management	Support
System log	Support
File upgrade	Support
Firmware upgrade	Support
SFP module DDM	Support
Environmental conditions	

➤ Dimension



➤ Connection



➤ Ordering Information

Model No.	Description
IES3006G-4G-2GS	Managed Industrial Ethernet Switch, 2 1000Base-X SFP Slot and 4 10/100/1000Base-T(X), DIN-Rail, DC10-58V, -40-85C Operating Temperature
IES3006G-4GP-2GS	Managed Industrial PoE Switch, 4 10/100/1000Base-T(X) PoE/PoE+ and 2 1000Base-X SFP,Slot, DIN-Rail, DC48-58V, -40-85C Operating Temperature
Power Supply: DC24V DIN-Rail Power Supply or Power Adapter is Optional.(Non-PoE) DC48V DIN-Rail Power Supply or Power Adapter is Optional.(PoE)	

➤ Packing List

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