Product Datasheet

12-port Full Gigabit Managed Industrial Ethernet Switch (ONV-IPS53128FM)



OVERVIEW

The ONV-IPS53128FM is a Gigabit L2+ managed industrial Ethernet fiber switch independently developed by ONV. It has 8*10/100/1000Base-T adaptive RJ45 ports and 4*100/1000Base-X uplink SFP fiber ports. Each port support wire-speed forwarding.

The ONV-IPS53128FM has L2+ network management functions, supports IPV4/IPV6 management, static route forwarding, complete security protection mechanisms, complete ACL/QoS policies, and rich VLAN functions for easy management and maintenance. Supports multiple network redundancy protocols STP/RSTP/MSTP (<50ms) and (ITU-T G.8032) ERPS (<20ms) to improve link backup and network reliability. Communication can be quickly restored when a one-way network fails Ensure uninterrupted communication for important applications. According to the application needs, the port management, routing address management, port flow control, VLAN division, IGMP, security policy, and other application business configurations are performed through

network management methods such as Web, CLI, SNMP, and Telnet. The ONV-IPS53128FM follows industrial product design and materials. The outer shell is made of aluminum alloy to enhance heat dissipation performance and has excellent industrial site environmental adaptability (mechanical stability, climate environment adaptability, electromagnetic environment adaptability, etc.). It is suitable for establishing cost-effective, stable, and reliable communication networks in industrial scenarios such as intelligent transportation, rail transportation, power industry, mining, petroleum, shipping, metallurgy, and green energy construction.

FEATURE

■ Gigabit access, SFP fiber port uplink

- Support non-blocking wire-speed forwarding.
- ♦ Support full-duplex based on IEEE 802.3x and half-duplex based on Backpressure.
- Support Gigabit RJ45 port and Gigabit SFP port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

Strong business processing capability

- Support Industrial ERPS ring network and STP/RSTP/MSTP to eliminate layer 2 loops and realize link backup.
- Support IEEE802.1Q VLAN, Users can flexibly divide VLAN, Voice VLAN, and QinQ configuration according to their needs.
- Support static and dynamic aggregation to effectively increase link bandwidth, realize load balancing, link backup, and improve link reliability.
- Support QoS, port-based, 802.1P-based, and DSCP-based three priority modes and four queue scheduling algorithms: Equ, SP, WRR, and SP+WRR.
- Support ACL to filter data packets by configuring matching rule processing operations and time permissions, and provide flexible security access control policies.
- ♦ Support IGMP V1/V2/V3 multicast protocol, IGMP Snooping meets multi-terminal high-definition video surveillance and video conference access requirements.

Security

- ♦ Port isolation, storm control.
- ♦ IP+MAC+port+VLAN quadruple flexible combination binding function.
- 802.1X authentication provides authentication functions for LAN computers, and
 controls the authorization status of controlled ports according to the authentication
 results.

Stable and reliable

- ♦ CCC, CE, FCC, and RoHS.
- ♦ The user-friendly panel can show the device status through the LED indicator of PWR, SYS, Link, and L/A.
- ♦ Low power consumption, no fan, aluminum shell, excellent heat dissipation to ensure the stable operation of the switch.

■ Easy O&M management

- Support CPU monitoring, memory monitoring, Ping detection, and cable length detection.
- ♦ HTTPS, SSLV3, SSHV1/V2, and other encryption methods are more secure in management.
- ♦ RMON, system log, and port traffic statistics are convenient for network optimization and transformation.
- ♦ LLDP is convenient for the network management system to query and judge the communication status of the link.
- Support diverse management and maintenance methods such as Web network management, CLI command line (Console, Telnet), SNMP (V1/V2/V3), Telnet, etc.

TECHNICAL SPECIFICATION

| Model | ONV-IPS53128FM | | | |
|---------------------------|---|--|--|--|
| Interface Characteristics | | | | |
| | 1*RS232 console port (115200, N, 8,1) | | | |
| | Power failure alarm switch port (FAULT) | | | |
| Fixed Port | 8*10/100/1000Base-T RJ45 ports (Data) | | | |
| | 4*100/1000Base-X uplink SFP fiber ports (Data) | | | |
| | 2*DC12-48V input ports (supports reverse connection protection) | | | |
| Ethernet Port | Port 1-8 support 10/100/1000Base-T(X) auto-sensing, full/ half duplex | | | |
| Ellierret Fort | MDI/ MDI-X self-adaption | | | |
| Twisted Pair | 10BASE-T: Cat3,4,5 UTP (≤100 meters) | | | |
| Transmission | 100BASE-TX: Cat5 or later UTP (≤100 meters) | | | |
| Hallsillission | 1000BASE-T: Cat5e/6 or later UTP (≤100 meters) | | | |
| Optical Fiber Port | Default no include optical module (optional single-mode/ multi-mode, | | | |
| Optical Fiber Fort | single fiber/ dual fiber optical module. LC) | | | |
| Optical Port | Turbo overclocking 2.5G optical module expansion and ring network | | | |
| Expansion | | | | |
| Optical Cable/ | Multi-mode: 850nm/ 0-500m (1G) | | | |
| Distance | Single-mode: 1310nm/ 0-40km, 1550nm/ 0-120km | | | |
| Chip Parameter | | | | |
| Network | L2+ | | | |
| Management Type | LZT | | | |
| Network Protocol | IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX | | | |
| Network Protocol | IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x | | | |
| Forwarding Mode | Store and Forward (Full Wire Speed) | | | |
| Switching Capacity | 128Gbps | | | |
| Forwarding | 17 96Mppe | | | |
| Rate@64byte | 17.86Mpps | | | |

| CPU 800MHz DRAM 1Gb FLASH 128Mb MAC 16K Buffer Memory 12Mb Jumbo Frame 12KB LED Indicator System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green) Yes, press and hold the switch for 10 seconds and release it to restore th factory settings Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection EC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-4-9 (Pulsed magnet field): 1000A/m | | | | |
|--|-----------------------|--|--|--|
| FLASH MAC 16K Buffer Memory 12Mb Jumbo Frame 12KB LED Indicator System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green) Yes, press and hold the switch for 10 seconds and release it to restore the factory settings Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Dimension (L*W*H) Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection 1evel: IP40 Lightning Protection IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | CPU | 800MHz | | |
| MAC Buffer Memory Jumbo Frame 12KB LED Indicator System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green) Yes, press and hold the switch for 10 seconds and release it to restore th factory settings Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection IEC61000-6-2 (Common Industrial Standard) | DRAM | 1Gb | | |
| Buffer Memory Jumbo Frame 12KB LED Indicator System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green) Yes, press and hold the switch for 10 seconds and release it to restore th factory settings Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-6-2 (Common Industrial Standard) | FLASH | 128Mb | | |
| Jumbo Frame 12KB LED Indicator System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green) Yes, press and hold the switch for 10 seconds and release it to restore the factory settings Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection Lightning Protection IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | MAC | 16K | | |
| LED Indicator System: SYS (Green), Network: Link (Yellow), Filber port: L/A (Green) Yes, press and hold the switch for 10 seconds and release it to restore the factory settings Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection Lightning Protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Buffer Memory | 12Mb | | |
| Reset Switch Yes, press and hold the switch for 10 seconds and release it to restore the factory settings Power Supply Power Consumption Working Voltage DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Jumbo Frame | 12KB | | |
| Power Supply Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity -40~+75°C, 5%~90% RH Non condensing /Humidity Storage TEMP /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | LED Indicator | System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green) | | |
| Power Consumption Standby<8W, Full load <15W DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Reset Switch | Yes, press and hold the switch for 10 seconds and release it to restore the factory settings | | |
| Working Voltage DC12-48V, 6 Pin industrial Phoenix terminal, support anti-reverse protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP //Humidity Storage TEMP //Humidity Dimension (L*W*H) Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Power Supply | | | |
| Working Voltage protection. Power Supply No, optional 24V/24W industrial power supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Power Consumption | Standby<8W, Full load <15W | | |
| Power Supply Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection Lightning Protection Lightning Protection Lightning Protection No, optional 24V/24W industrial power supply P40~+80°C, 5%~90% RH Non condensing HNOn condensing A0~+80°C, 5%~95% RH Non condensing A0~+80°C, 5%~95% RH Non condensing P40~+80°C, 5%~95% RH Non condensing A0~+80°C, 5%~95% RH Non cond | Working Voltage | | | |
| Physical Parameter Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection Lightning Protection Lightning Protection FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Power Supply | | | |
| Operation TEMP /Humidity Storage TEMP /Humidity Dimension (L*W*H) Net /Gross Weight Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | | | | |
| /Humidity Storage TEMP /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning Protection Lightning Protection Lightning Protection FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | | | | |
| /Humidity Dimension (L*W*H) 166*150*75mm Net /Gross Weight 1.8kg / 2.1kg Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | | -40~+75°C, 5%~90% RH Non condensing | | |
| Net /Gross Weight Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | | -40~+80°C, 5%~95% RH Non condensing | | |
| Installation Desktop, 35mm DIN Rail Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Dimension (L*W*H) | 166*150*75mm | | |
| Certification & Warranty Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Net /Gross Weight | 1.8kg / 2.1kg | | |
| Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Installation | Desktop, 35mm DIN Rail | | |
| Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Certification & Warra | anty | | |
| Lightning Protection IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | | Protection level: IP40 | | |
| Lightning Protection FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | Lightning Protection | Lightning protection: 6KV 8/20us | | |
| FCC Part 15/CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) | | IEC61000-4-3 (RS):10V/m (80~1000MHz) | | |
| | Lightning Froteotion | FCC Part 15/CISPR22 (EN55022): Class B | | |
| IEC61000-4-9 (Pulsed magnet field): 1000A/m | | IEC61000-6-2 (Common Industrial Standard) | | |
| | | IEC61000-4-9 (Pulsed magnet field): 1000A/m | | |

| | IEC61000-4-10 (Damped oscillation): 30A/m, 1MHz | | | |
|------------------|---|--|--|--|
| | IEC61000-4-12/18 (Shockwave): CM 2.5kV, DM 1kV | | | |
| | IEC61000-4-4(EFT): Power cable:±4kV, Data cable: ±2kV | | | |
| | IEC61000-4-16 (Common-mode transmission): 30V, 300V, 1s | | | |
| | IEC61000-4-2 (ESD): ±8kV contact discharge, ±15kV air discharge | | | |
| | IEC61000-4-6 (Radio frequency transmission): 10V(150kHz~80MHz) | | | |
| | IEC61000-4-8 (Power frequency magnetic field):100A/m, 1000A/m, 1s-3s | | | |
| | IEC61000-4-5 (Surge): Power cable: CM±4kV/ DM±2kV, Data cable: ±4kV | | | |
| Mechanical | IEC60068-2-6 (Anti Vibration), IEC60068-2-32 (Free Fall), IEC60068-2-27 | | | |
| Properties | (Anti Shock) | | | |
| 0 115 11 | CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, | | | |
| Certification | RoHS | | | |
| Warranty | 5 years, lifelong maintenance. | | | |
| Network Manageme | nt Feature | | | |
| | IEEE802.3x flow control (Full duplex) | | | |
| | Port exception protection mechanism | | | |
| | Port real-time flow management (Flow Interval) | | | |
| | Broadcast storm suppression based on port rate | | | |
| Interface | Jumbo frame configuration, the largest 12000byte | | | |
| | Optical port SFP module DDMI real-time digital diagnosis | | | |
| | Port EEE Green Ethernet Energy-Saving configuration and status view | | | |
| | Limit the rate of incoming and outgoing packet traffic, with mini granularity | | | |
| | of 16Kbps and max of 1Gbps | | | |
| | ARP protocol, max 1024 entries | | | |
| Layer 3 Features | IPv4/IPv6 static route, max 128 entries | | | |
| | L2+ network management function, dual-stack IPv4/IPv6 management | | | |
| | VLAN based on MAC, VLAN based on the protocol | | | |
| VLAN | Port configuration of Access, Trunk, Hybrid. GVRP VLAN protocol | | | |
| | (4K) VLAN based on port, IEEE802.1q, Voice VLAN, QinQ configuration | | | |

| Dort Aggregation | LACP, Static aggregation |
|-------------------|---|
| Port Aggregation | Max 6 aggregation groups and max 8 ports per group. |
| Spanning Trop | STP BPDU Guard, BPDU filtering and BPDU forwarding |
| Spanning Tree | STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s) |
| EDDS Ding Notwork | Support ERPS ring network, ring network self-healing time is less than |
| ERPS Ring Network | 20ms, ITU-T G.8032 |
| | MLD Snooping, Multicast VLAN |
| Multicast | User quick log out, MVR (Multicast VLAN Registration) |
| | IGMP Snooping v1/v2/v3 and 1024 multicast groups at most |
| Missosing | Bidirectional traffic mirroring for basic ports |
| Mirroring | one-to-multiple mirroring, supports up to 4 port sessions |
| | Queue Scheduling Algorithm (SP, WRR, SP+WRR) |
| QoS | Flow-based Rate Limiting, Stream based redirection |
| QUS | Flow-based Packet Filtering, 8*Output queues of each port |
| | 802.1p/ DSCP priority mapping, Diff-Serv QoS, Priority Mark/ Remark |
| | ACL distribution based on port and VLAN |
| | L2-L4 packet filtering function, matching the first 80 bytes message, and |
| ACL | provides ACL definitions based on source MAC address, destination MAC |
| | address, source IP address, destination IP address, IP protocol type, |
| | TCP/UDP port, TCP/UDP port range, VLAN, etc. |
| | Port based IEEE802.1X authentication |
| | SSL guarantees data transmission security |
| | Quad binding function of IP+MAC+VLAN+ports |
| | MAC address learning limit, MAC address black hole |
| Security | Anti DoS attack, Port broadcast message suppression |
| | IP Source Guard function, AAA&RADIUS certification |
| | Hierarchical user management and password protection |
| | SSH 2.0 provides a secure encrypted channel for user login |
| | Host data backup mechanism, ARP intrusion detection function |

| | Port isolation, IP Source Guard, ARP message speed limit function | | | | |
|------------|--|--|--|--|--|
| DHCP | DHCP Client, DHCP Snooping, DHCP Server | | | | |
| | Web network management (https) | | | | |
| | Link Layer Discovery Protocol(LLDP) | | | | |
| | Viewing CPU Instant Utilization Status | | | | |
| Managament | NTP clock, One click restore, SNMP V1/V2/V3 | | | | |
| Management | Cable status check, Ping detection, System work log | | | | |
| | ONV NMS platform cluster management (LLDP+SNMP) | | | | |
| | Console/ AUX Modem/ Telnet/ CLI command line configuration | | | | |
| | FTP, TFTP, Xmodem, SFTP file upload and download management | | | | |
| | Web browser: Mozilla Firefox 2.5 or higher, Google Chrome V42 or higher, | | | | |
| System | Cat5 and above Ethernet cable | | | | |
| | TCP/IP, network adapter, and network operating system (such as Microsoft | | | | |
| | Windows, Linux, Mac OS X) installed on each computer in the network | | | | |
| | Cat5 and above Ethernet cable | | | | |

DIMENSION

APPLICATION

ORDERING INFORMATION

| Model | Description | Recommended Power Supply | |
|---|--|--------------------------|--|
| ONV-IPS53128FM | L2+ managed industrial Ethernet fiber switch with 8*10/100/1000M RJ45 ports and 4*100/1000M uplink SFP fiber ports. It support dual DC power supply input and DIN rail mounting. | 24W/36W | |
| Note: The optical module and power supply are not included and need to be purchased | | | |

Note: The optical module and power supply are not included and need to be purchased.

PACKING LIST

| | Content | Qty | Unit |
|--------------|--|-----|------|
| | 12-port Gigabit managed industrial Ethernet switch | 1 | SET |
| Packing List | RJ45-DB9 adapter conversion Line | 1 | PC |
| | User Guide | 1 | PC |
| | Warranty Card | 1 | PC |

OPTICAL MODULE

| Product | Model | Description | Unit |
|------------------|-----------------|--|------|
| | 2630-G | Industrial SFP optical module, 1.25G multi-mode dual fiber 850nm, transmission distance: 550m, LC interface. supports DDM function and hot plugging. | PC |
| | 2632-G | Industrial SFP optical module, 1.25G single-mode dual fiber 1310nm, transmission distance: 20km, LC interface. supports DDM function and hot plugging. | PC |
| 1.25G Optical | 2612-T-G | Industrial SFP optical module, 1.25G single-mode single fiber TX1310nm/ RX1550nm, transmission distance: 20km, LC interface. supports DDM function and hot plugging. | PC |
| Module | 2613-R-G | Industrial SFP optical module, 1.25G single-mode single fiber TX1550nm/ RX1310nm, transmission distance: 20km, LC interface. supports DDM function and hot plugging. | PC |
| | 2612-T-SC-G | Industrial SFP optical module, 1.25G single-mode single fiber TX1310nm/ RX1550nm, transmission distance: 20km, SC interface. supports DDM function and hot plugging. | PC |
| | 2613-R-SC- G | Industrial SFP optical module, 1.25G single-mode single fiber TX1550nm/ RX1310nm, transmission distance: 20km, SC interface. supports DDM function and hot plugging. | PC |

POWER SUPPLY

| Product | Model | Description | Unit |
|--|-------------|--|------|
| 24W DIN Rail Industrial Power Supply | GWS-DP24-24 | DIN Rail 24W single set of output power supply Input Voltage: AC100V-240V 50-60Hz, 0.35A Output Voltage: DC24V, 1.0A Operation Temperature: -40℃ to +70℃ | PC |
| 36W DIN Rail Industrial Power Supply | GWS-DP36-24 | DIN Rail 36W single set of output power supply Input Voltage: AC100V-240V 50-60Hz, 0.56A Output Voltage: DC24V, 1.5A Operation Temperature: -40℃ to +70℃ | PC |

CONTACT US

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