Product Datasheet

36-port 10G Uplink Managed Industrial PoE Switch (ONV-IPS56036PFM)



OVERVIEW

The ONV-IPS56036PFM is a 10G uplink managed industrial PoE switch independently developed by ONV. It has 24*10/100/1000M adaptive RJ45 ports and 8*100/1000M SFP fiber combo ports and 4*1/10G SFP+ fiber ports. Port 1-24 can support IEEE 802.3 af/at PoE standard, and the single-port PoE power reaches 30W. As a PoE power supply device, it can automatically detect and recognize the power-receiving equipment that meets the standard and supply power through the network cable. It can supply power to PoE terminal equipment such as wireless AP, IP camera, VoIP, and industrial sensors through the network cable and meet the network environment that needs a high-density PoE power supply. It is suitable for intelligent transportation, rail transit, power industry, mining, petroleum, and industrial scenes such as shipping, metallurgy, and green energy construction, forming a cost-effective, stable, and reliable communication network.

The ONV-IPS56036PFM has L2+ network management function, supports IPV4/ IPV6 management, static routing forwarding, complete security protection mechanism, perfect ACL/ QoS policy, and rich VLAN functions for easy management and maintenance. It supports multiple network redundancy protocols STP/ RSTP/ MSTP (<50ms) and (ITU-T +86 755 33376606

Optical Network Video Technologies (Shenzhen) Co., Ltd.

Use PoE, Choose ONV >>>

G.8032) ERPS (<20ms) to improve link backup and network reliability. When the one-way network fails, the communication can be quickly restored to ensure the uninterrupted communication of important applications. According to application needs, PoE power supply management, port management, routing address management, port flow control, VLAN division, IGMP, security policy, and other application service configurations are performed through Web, CLI, SNMP, Telnet, and other network management methods.

FEATURE

Gigabit access, uplink 1/10G SFP+ fiber port

- ♦ Support non-blocking wire-speed forwarding.
- ♦ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- Support Gigabit RJ45 port and RJ45/SFP fiber combo port and 1/10G uplink SFP+ fiber port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

Smart PoE power supply

- PoE network management, realize PoE port power allocation, priority setting, port power status viewing, time scheduling, etc.
- Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- The PoE port supports the priority mechanism. When the remaining power is insufficient, the power of the high-priority port is given priority to avoid overloading of the device.
- 24*10/100/1000Base-T RJ45 ports support PoE power, meeting the PoE power requirements of security monitoring, industrial automation systems, wireless coverage and other scenarios.

Security

- \diamond Port isolation and storm control.
- ◇ IP+MAC+port+VLAN quadruple flexible combination binding function.

Optical Network Video Technologies (Shenzhen) Co., Ltd.

+86 755 33376606

♦ 802.1X authentication provides authentication functions for LAN computers and controls the authorization status of controlled ports according to the authentication results.

Strong business processing capability

- ♦ Support 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 SnoopingV1/V2/V3 multicast protocol IGMP to meet the multi-terminal high-definition video surveillance and video conference access requirements.

Stable and reliable

- \diamond CCC, CE, FCC, RoHS.
- Self-developed power supply, high redundancy, providing a long-term and stable PoE power output.
- \diamond The user-friendly panel can show the device status through the LED indicator of PWR, SYS, Link, and PoE.
- ♦ Low power consumption, with fan, galvanized steel metal housing, and excellent heat dissipation to ensure stable operation of the switch.

Easy O&M management

3

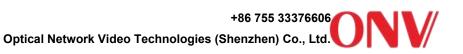
- ♦ Support NMS platform cluster management.
- Support CPU monitoring, memory monitoring, Ping detection, and cable length detection. +86 755 33376606

Optical Network Video Technologies (Shenzhen) Co., Ltd.

- Support RMON, system log, and port traffic statistics to facilitate network optimization and transformation.
- Support HTTPS, SSLV3, SSHV1/V2, and other encryption methods, making management more secure.
- Support LLDP to facilitate the network management system to query and judge the communication status of the link.
- Support Web network management, CLI command line (Console, Telnet), SNMP (V1/V2/V3) and other diversified management and maintenance.

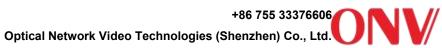
TECHNICAL SPECIFICATION

| Model | ONV-IPS56036PFM | ONV-IPS56036PFM-at |
|---------------------------|---|--|
| Interface Characteristics | | |
| | Alarm switch port (FAULT) | |
| | 2*AC100-240V input ports | |
| | 1*Console RS232 port (115200, N, 8,1) |) |
| Fixed Port | 4*1/10G uplink SFP+ fiber ports (Data) | |
| | 8*100/1000M SFP fiber combo ports (Data) | |
| | 24*10/100/1000M RJ45 ports (Data/ Power) | |
| | 2*DC48-57V input ports (support revers | se polarity protection) |
| Ethernet Port | Port 1-24 can support 10/100/1000Bas | e-T(X) auto-sensing, full/ half duplex |
| | MDI/ MDI-X self-adaption | |
| | 10BASE-T: Cat3,4,5 UTP (≤100 meters | 5) |
| Twisted Pair Transmission | 100BASE-TX: Cat5 or later UTP (≤100 meters) | |
| | 1000BASE-T: Cat5e or later UTP (≤100 |) meters) |
| Optional Eiber Dort | 1/10G SFP+ optical fiber port, default n | o include optical module (optional |
| Optical Fiber Port | single-mode/ multi-mode, single fiber/ c | dual fiber optical module. LC) |
| Optical Fiber Port | Turke overeleaking 2.50 entirely we do | e expension and ring natural |
| Expansion | Turbo overclocking 2.5G optical module | e expansion and ring network |



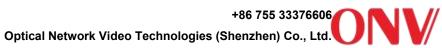


| Ontion Coble/ Distance | Multi-mode: 850nm/ 0-550m, 850nm/ 0-300m(10G), Single-mode: 1310nm/ | | |
|--------------------------|---|-----------------------------------|--|
| Optical Cable/ Distance | 0-40km, 1550nm/ 0-120km. | | |
| Chip Parameter | | | |
| Network Management | L2+ | | |
| Туре | | | |
| | IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, | | |
| Network Protocol | IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X, IEEE 802.3ae | | |
| | 10GBase-SR/LR, IEEE 802.3x | | |
| Forwarding Mode | Store and Forward (Full wire speed) | | |
| Switching Capacity | 128Gbps (non-blocking) | | |
| Forwarding Rate@64byte | 95.23Mpps | | |
| CPU | 800MHz | | |
| DRAM | 1G | | |
| FLASH | 128M | | |
| MAC | 16K | | |
| Buffer Memory | 12M | | |
| Jumbo Frame | 12K | | |
| LED Indicator | Power: PWR (Yellow), System: SYS (Yellow), Network: Link/Act (Yellow), PoE: | | |
| | PoE (Green), Fiber port: L/A (Green) | | |
| Reset Switch | Yes, press and hold the switch for 10 seconds and release it to restore the | | |
| Reset Switch | factory settings | | |
| PoE& Power Supply | PoE& Power Supply | | |
| PoE Port | Port 1-24 | | |
| PoE Management | PoE working status display, Port PoE on/off, af/at power distribution | | |
| Power Supply Pin | 1/2 (+) 3/6(-) | | |
| Max Power Per Port | 30W, IEEE 802.3 af/at | | |
| Total PWR/ Input Voltage | 2*400W/ (AC100-240V) | 2*600W/ (AC100-240V) | |
| Power Consumption | Standby<20W, Full Load<380W | Standby<22W, Full Load<600W | |
| Power Supply | Built-in power supply, AC100~240V | Built-in power supply, AC100~240V | |
| | | | |





| | 50-60Hz, 5.0A | 50-60Hz, 6.6A |
|--------------------------|--|-------------------------------------|
| | Alarm switch port, 2*AC power input ports, 2*DC48-57V input ports | |
| Power Input Port | Dual input power port design: AC power supply priority to support anti-reverse | |
| | connection protection, and automatically switches to DC connection when | |
| | power fails. | |
| Physical Parameter | | |
| Operation Temp/ Humidity | -40~+75°C, 5%~90% RH Non condensing | |
| Storage Temp/ Humidity | -40~+85°C, 5%~95% RH Non condens | sing |
| Dimension (L*W*H) | 440*378*44.5mm | |
| Net /Gross Weight | 5.5kg/ 6.3kg | 6.3kg/ 7.1kg |
| Installation | Desktop, 1U/19" cabinet | |
| Certification& Warranty | | |
| | IEC61000-4-3 (RS):10V/m (80-1000MHz) | |
| | FCC Part 15/CISPR22 (EN55022): Class A | |
| | 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): CM2.5kV, DM1kV | |
| Lightning Protection | Protection level: IP30, Lightning protection: 6KV 8/20us | |
| | 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 Properties | IEC60068-2-6 (Anti Vibration), IEC600 | 68-2-27 (Anti Shock), IEC60068-2-32 |
| meenanical Fropenies | (Free Fall) | |
| Certification | CE mark, commercial, CE/LVD EN623 | 68-1, FCC Part 15 Class A, RoHS |
| Warranty | 5 years, lifelong maintenance. | |
| | | |



| Port real-time flow management (Flow Interval)Broadcast storm suppression based on port rateOptical port SFP module DDMI real-time digital diagnosisPort EEE Green Ethernet Energy-Saving configuration and status viewIEEE 802.3x flow control (Full duplex), Port exception protection mechanismLimit the rate of incoming and outgoing packet traffic, mini granularity is16Kbpsand max is 1GbpsL3 FeatureARP protocol max 1024 entriesL2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1qVLANVoice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
|---|
| InterfaceOptical port SFP module DDMI real-time digital diagnosisPort EEE Green Ethernet Energy-Saving configuration and status viewIEEE 802.3x flow control (Full duplex), Port exception protection mechanismLimit the rate of incoming and outgoing packet traffic, mini granularity is16Kbps and max is 1GbpsL3 FeatureARP protocol max 1024 entriesStatic route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3 L2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1qVican Port AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| InterfacePort EEE Green Ethernet Energy-Saving configuration and status view IEEE 802.3x flow control (Full duplex), Port exception protection mechanism Limit the rate of incoming and outgoing packet traffic, mini granularity is16Kbps and max is 1GbpsL3 FeatureARP protocol max 1024 entries Static route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3 L2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1q Voice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| IEEE 802.3x flow control (Full duplex), Port exception protection mechanism Limit the rate of incoming and outgoing packet traffic, mini granularity is16Kbps and max is 1GbpsL3 FeatureARP protocol max 1024 entries Static route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3 L2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1q Voice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| Limit the rate of incoming and outgoing packet traffic, mini granularity is16Kbps and max is 1GbpsL3 FeatureARP protocol max 1024 entries Static route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3 L2+ network management function, IPV4/ IPV6 dual-stack management 12+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1q Voice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| and max is 1GbpsARP protocol max 1024 entriesL3 FeatureARP protocol max 1024 entriesStatic route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3L2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1qVLANVoice VLAN, GVRP VLAN protocol, Port-based VLAN (4K)Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| ARP protocol max 1024 entriesL3 FeatureStatic route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3 L2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1q Voice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| L3 FeatureStatic route, RIPv1/v2, RIPng, OSPFv1/v2, OSPFv3 L2+ network management function, IPV4/ IPV6 dual-stack management L2+ network management function, IPV4/ IPV6 dual-stack managementVLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1q Voice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| L2+ network management function, IPV4/ IPV6 dual-stack managementL2+ network management function, IPV4/ IPV6 dual-stack managementPort configuration of Access, Trunk, Hybrid, IEEE 802.1qVLANVoice VLAN, GVRP VLAN protocol, Port-based VLAN (4K)Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| VLANPort configuration of Access, Trunk, Hybrid, IEEE 802.1qVoice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| VLANVoice VLAN, GVRP VLAN protocol, Port-based VLAN (4K) Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| Protocol-based VLAN, MAC address-based VLAN, QinQ configurationPort AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| Port AggregationLACP dynamic aggregation, Static aggregation, Max 14 aggregation groups and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| Port Aggregationand max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| and max 8 ports per group.Spanning TreeSTP BPDU Guard, BPDU filtering and BPDU forwarding STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 20ms, ITU-T G.8032 |
| Spanning Tree STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s) ERPS Ring Network ERPS, Recovery time less than 20ms, ITU-T G.8032 |
| STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)ERPS Ring NetworkERPS, Recovery time less than 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 |
| Bidirectional traffic mirroring for basic ports |
| Mirroring Supports 1-to-multiple mirroring, supports up to 4 port sessions |
| Flow-based rate limiting, Flow-based redirection |
| Queue scheduling algorithm (SP, WRR, SP+WRR) |
| QoS 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 |

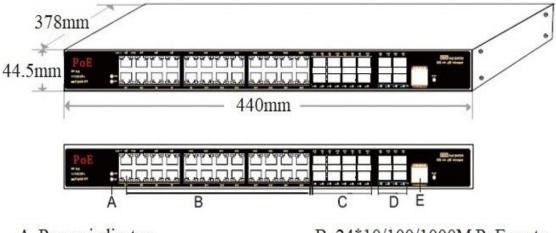
+86 755 33376606 Optical Network Video Technologies (Shenzhen) Co., Ltd.

| | L2-L4 packet filtering function, matching the first 80 bytes message, and |
|------------|--|
| | 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 |
| Convitu | IP Source Guard function, AAA& RADIUS certification |
| Security | Anti DoS attack, Port broadcast message suppression |
| | 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 address protection, ARP message speed limit function |
| DHCP | DHCP Client, DHCP Snooping, DHCP Server |
| | Link Layer Discovery Protocol (LLDP) |
| | NTP clock, Web network management (https) |
| | FTP, TFTP file upload and download management |
| Management | Console/ Telnet/ CLI/ SSH command line configuration |
| | ONV NMS platform cluster management (LLDP+SNMP) |
| | One click restore, Viewing CPU Instant Utilization Status |
| | SNMP V1/V2/V3, Cable status check, Ping detection, System work log |
| | Web browser: Mozilla Firefox 2.5 or higher, Google Chrome V42 or higher, |
| | Cat5 and above Ethernet cable |
| System | 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 |





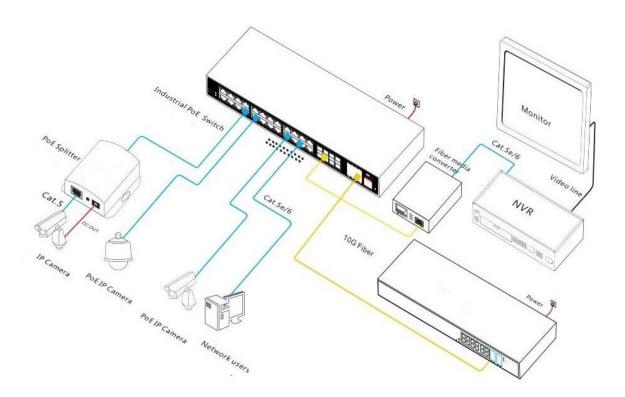
DIMENSION

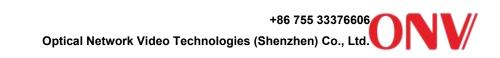


A. Power indicator

- B. 24*10/100/1000M PoE ports
- C. 8*100/1000M SFP fiber combo ports D. 4*1/10G SFP+ fiber ports
- E. Console port

APPLICATION





ORDERING INFORMATION

| Model | Description | Built-in Power Supply |
|--|--|--------------------------|
| ONV-IPS56036PFM | L2+ managed industrial PoE switch with 24*10/100/1000M RJ45 ports and 8*100/1000M SFP fiber combo ports and 4*1/10G uplink SFP+ fiber ports. | 2*400W |
| ONV-IPS56036PFM-at | Port 1-24 can support IEEE 802.3 af/at PoE standard. It built-in redundant power supply and standard 1U/19" cabinet installation. | 2*600W |
| Note: The optical module is not included and needs to be purchased separately. | | |

PACKING LIST

| | Content | Qty | Unit |
|--------------|--|-----|------|
| Packing List | 36-port 10G uplink managed industrial PoE switch | 1 | Set |
| | RJ45-DB9 Adapter Cable | 1 | PC |
| | AC Power Cable | 1 | PC |
| | Mounting Kits (Hanging Ear) | 1 | Set |
| | User Guide | 1 | PC |
| | Warranty Card and Certificate of Conformity | 1 | PC |

OPTICAL MODULE

| Product | Model | Description | Unit |
|---------|--------|---|------|
| | | Industrial SFP optical module, 1.25G multi-mode dual fiber | |
| 1.25G | 2630-G | 850nm, transmission distance: 550m, LC interface, supports | PC |
| Optical | | DDM function and hot plugging. | |
| Module | | Industrial SFP optical module, 1.25G single-mode dual fiber | |
| | 2632-G | 1310nm, transmission distance: 20km, LC interface, supports | PC |
| 1 | 0 | +86 755 33376606 | |

Optical Network Video Technologies (Shenzhen) Co., Ltd.

| | | DDM function and hot plugging. | |
|---------|-------------|--|----|
| | | Industrial SFP optical module, 1.25G single-mode single fiber | |
| | 2612-T-G | TX1310nm/ RX1550nm, transmission distance: 20km, LC | PC |
| | | interface, supports DDM function and hot plugging. | |
| | | Industrial SFP optical module, 1.25G single-mode single fiber | |
| | 2613-R-G | TX1550nm/ RX1310nm, transmission distance: 20km, LC | PC |
| | | interface, supports DDM function and hot plugging. | |
| | | Industrial SFP optical module, 1.25G, single-mode single fiber | |
| | 2612-T-G-SC | TX1310nm/ RX1550nm, transmission distance: 20km, SC | PC |
| | | interface, supports DDM function and hot plugging. | |
| | | Industrial SFP optical module, 1.25G, single-mode single fiber | |
| | 2613-R-G-SC | TX1550nm/ RX1310nm, transmission distance: 20km, SC | PC |
| | | interface, supports DDM function and hot plugging. | |
| | | Industrial SFP+ optical module, 10G multi-mode dual fiber | |
| | 6630-G | 850nm, transmission distance: 300m, LC interface, supports | PC |
| | | DDM function and hot plugging. | |
| | | Industrial SFP+ optical module, 10G single-mode dual fiber | |
| 40.0 | 7832-G | 1310nm, transmission distance: 20km, LC interface, supports | PC |
| 10G | | DDM function and hot plugging. | |
| Optical | | Industrial SFP+ optical module, 10G single-mode single fiber | |
| Module | 7832-33-G | TX1330nm/ RX1270nm, transmission distance: 20km, LC | PC |
| | | interface, supports DDM function and hot plugging. | |
| | | Industrial SFP+ optical module, 10G single-mode single fiber | |
| | 7832-27-G | TX1270nm/ RX1330nm, transmission distance: 20km, LC | PC |
| | | interface, supports DDM function and hot plugging. | |





RELATED PRODUCT

| Model | Description |
|-----------------|---|
| ONV-IPS56028PFM | L2+ managed industrial PoE switch with 24*10/100/1000M RJ45 ports and |
| | 4*1/10G uplink SFP+ fiber ports. Port 1-24 can support IEEE 802.3 af/at |
| | PoE standard. It can support 2AC+DC redundant power supply input and |
| | standard 1U/19" cabinet installation. |
| ONV-IPS56052PFM | L2+ managed industrial PoE switch with 48*10/100/1000M RJ45 ports and |
| | 4*1/10G SFP+ fiber ports. Port 1-48 can support IEEE 802.3 af/at PoE |
| | standard. It can support 2AC+DC redundant power supply input and |
| | standard 1U/19" cabinet installation. |

CONTACT US

ONV optical Network Video Technologies (Shenzhen) Co., Ltd.Tel: 0086-755-33376608Fax: 0086-755-33376608WeChat: ONV-PoE-IoTEmail: onv@onv.com.cnSkype: onv@onv.com.cnWebsite: www.onvcom.cnHeadquarter Address: Room 1003, Block D, Terra Building, Futian District, ShenzhenFactory Address: Building B3, Galaxy Artificial Intelligence Industrial Park, No. 333,Zhongkai 6th Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou



