

Product Datasheet

20-port Full Gigabit Managed PoE Switch

ITM-POE33020PFM



OVERVIEW

The ITM-POE33020PFM series is a gigabit L2+ managed PoE fiber switch. It has 16*10/100/1000Base-T RJ45 ports and 4*100/1000Base-X SFP fiber slot ports. Port 1-16 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 250W (at-400W). 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, webcam, VoIP phone, building visual access control intercom through network cable, to meet the network environment that needs high-density PoE power supply, suitable for hotels, campuses, parks, supermarkets, scenic spots, Factory quarters and SMB small and medium-sized enterprises form a cost-effective network.

The ITM-POE33020PFM has the L2+ full network management, support IPV4/IPV6 management, static route full line rate forwarding, security protection mechanism, complete ACL/QoS policy and rich VLAN functions, and is easy to manage and maintain. Supports multiple network redundancy protocols STP/RSTP/MSTP (<50ms) and (ITU-T G.8032) ERPS to improve link backup and

network reliability. When one-way network fails, communication can be quickly restored to ensure important Uninterrupted communication for applications. According to the actual application requirements, you can configure multiple application services such as PoE power management, port traffic control, VLAN division, and SNMP through the Web network management mode.

FEATURE

■ Gigabit access, Gigabit SFP fiber port uplink

- ♦ All series support "Gigabit Ethernet port and Gigabit SFP port" combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- Support non-blocking wire-speed forwarding.
- ♦ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

■ Intelligent PoE power supply

- ♦ 16*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ♦ IEEE 802.3af/at PoE standard, without damaging non-PoE devices.
- Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- PoE network management, realize PoE port power allocation, priority setting, port power status viewing, time scheduling, etc.

Strong business processing capability

- ♦ IEEE802.1Q VLAN, flexible VLAN division, Voice VLAN and QinQ configuration.
- QoS, Priority mode based on 802.1P, Port & DSCP, queue scheduling algorithm including Equ,
 SP, WRR & SP+WRR.
- ♦ ALC, filter data packet through configuring matching rules, processing operation & time permission, and provide flexible and safe access control.
- ♦ IGMP V1/V2 and IGMP Snooping.

- ♦ ERPS/STP/RSTP/MSTP.
- ♦ Static and dynamic aggregation.

Security

- ♦ 802.1X authentication.
- ♦ Port isolation,Storm control.
- ♦ IP-MAC-VLAN-Port binding.

■ Stable and reliable

- ♦ Low power consumption, galvanized steel casing, The fan active cooling.
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ♦ CCC,CE, FCC, RoHS.
- ♦ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link ,PoE.

■ Easy operation and maintenance management

- ♦ Web management, CLI command line (Console, Telnet), SNMP (V1/V2/V3).
- ♦ HTTPS, SSLV3, and SSHV1/V2.
- ♦ RMON, system log, LLDP, and port traffic statistics.
- ♦ CPU monitoring, memory monitoring, Ping test, and cable diagnose.

TECHNICAL SPECIFICATION

Model	ITM-POE33020PFM ITM-POE33020PFM-at		
Interface Characteristics			
16*10/100/1000Base-T PoE ports (Data/Power)			
Fixed Port	4*100/1000Base-X uplink SFP slot ports (Data)		
	1 * RS232 console port(115200,N,8,1)		
Ethernet Port	Port1-16 can support 10/100/1000Base-T(X) auto-sensing,Full/half		

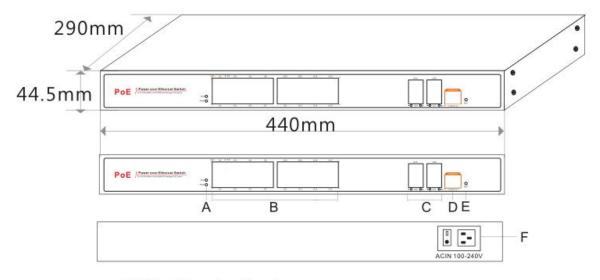
	duplex MDI/MDI-X self-adaption	
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)	
Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)	
	1000BASE-T: Cat5e or later UTP(≤100 meter)	
	Gigabit SFP optical fiber interface, default matching optical modules	
SFP Slot Port	(optional order single-mode / multi-mode, single fiber / dual fiber optical	
	module. LC)	
0.45.41.041.4	Multi mode: 850nm 0 ~ 550M, Single mode: 1310nm 0 ~ 40KM, 1550nm	
Optical Cable	0 ~ 120KM.	
Chip Parameter		
Network	10.	
Management Type	L2+	
	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;	
	IEEE802.3u 100Base-TX/FX;	
Network Protocol	IEEE802.3ab 1000Base-TX	
	IEEE802.3z 1000Base-X	
	IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	192Gbps	
Forwarding	29.76Mpps	
Rate@64byte		
MAC	8K	
Buffer Memory	4.1M	
Jumbo Frame	10K	
LED Indicator	Power:PWR (yellow), system :SYS (yellow), network: Link/Act(yellow),	
	POE: PoE (green), ,Fiber port: L/A(green)	
Reset Switch	Yes, One-button factory reset	
PoE & Power		
PoE Port	Port 1 to 16 IEEE802.3af/at @ POE	
	·	

PoE Management PoE Management PoE output power allocation, off& af &at PoE output priority configuration PoE working status Delay start of power supply Scheduling of PoE operation and time Power Supply Pin Defaul 1/2 (+), 3/6 (-) Max Power Per Port Max Power Per Port Max Power Per Port Total PWR / Input Voltage Power Consumption Standby<16W, Full load<240W Power Supply Built-in power supply, AC 100~240V 50-60Hz 4.1A S0-60Hz 5.0A Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity Pimension (L*W*H) A40*290*44.5mm Net /Gross Weight A40*475°C;5%~95% RH Non combining Installation Desktop, 19 inch 1U cabinet Certification & Warranty Lightning protection / protection level CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 1 del EEE802.3X (Full-duplex) Telegration in time to ween allocation, off8 af &at A84				
PoE Management PoE working status Delay start of power supply Scheduling of PoE operation and time Power Supply Pin Defaul 1/2 (+), 3/6 (-) Max Power Per Port 30W; IEEE802.3af/at Total PWR / Input Voltage Standby<16W, Full load<240W Power Consumption Standby<16W, Full load<240W Standby<18W, Full load<380W Built-in power supply, AC 100~240V 50-60Hz 4.1A Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity A0~+75°C;5%~90% RH Non consing Warranty Lightning protection / Protection level CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHs; Warranty Network Management Power Supply A0~+0~+ Fourth Class B; Rohes Rotwork Management Poestation and time ### A00		Total power limit of PoE power su	иррly	
PoE Management Delay start of power supply Scheduling of PoE operation and time Power Supply Pin Defaul 1/2 (+), 3/6 (-) Max Power Per Port 30W; IEEE802.3af/at Total PWR / Input Voltage Power Consumption Standby<16W, Full load<240W Standby<18W, Full load<380W Power Supply Built-in power supply, AC 100~240V 50-60Hz 4.1A Storage TEMP / Humidity Dimension (L*W*H) A40~+75°C;5%~95% RH Non condensing V40~+75°C;5%~95% RH Non condensing V40*+75°C;5%~95% RH Non	Dec Management	PoE output power allocation, off& af &at		
PoE working status Delay start of power supply Scheduling of PoE operation and time Power Supply Pin Defaul 1/2 (+), 3/6 (-) Max Power Per Port 30W; IEEE802.3af/at Total PWR / Input Voltage Power Consumption Standby<16W, Full load<240W Power Supply Built-in power supply, AC 100~240V 50-60Hz 4.1A Defaul 1/2 (+), 3/6 (-) Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity Dimension (L*W*H) A40~475°C;5%~95% RH Non condensing Hindidity Dimension (L*W*H) Lightning protection / Protection level Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty Network Management Features		PoE output priority configuration		
Scheduling of PoE operation and time	Poe Management	PoE working status		
Power Supply Pin Defaul 1/2 (+), 3/6 (-) Max Power Per Port 30W; IEEE802.3af/at Total PWR / Input Voltage 250W (AC100-240V) 400W (AC100-240V) Power Consumption Standby<16W, Full load<240W		Delay start of power supply		
Max Power Per Port 30W; IEEE802.3af/at Total PWR / Input Voltage 250W (AC100-240V) 400W (AC100-240V) Power Consumption Standby<16W, Full load<240W		Scheduling of PoE operation and time		
Total PWR / Input Voltage 250W (AC100-240V) 400W (AC100-240V) Power Consumption Standby<16W, Full load<240W	Power Supply Pin	Defaul 1/2 (+), 3/6 (-)		
Voltage 250W (AC100-240V) 400W (AC100-240V) Power Consumption Standby<16W, Full load<240W	Max Power Per Port	30W; IEEE802.3af/at		
Built-in power supply, AC 100~240V 50-60Hz 4.1A Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity Dimension (L*W*H) Net /Gross Weight Certification Certification Certification CCC; CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty Network Management Features Built-in power supply, AC 100~240V 50-60Hz 5.0A Suilt-in power supply, AC 100~240V 50-60Hz 5.0A Built-in power supply, AC 100~240V 50-60Hz 5.0A Suilt-in power supply, AC 100~24V 50-60Hz 5.0A Suilt-in power supply suilt-in power supple supple supple supple supple supple suppl	·	250W (AC100-240V) 400W (AC100-240V)		
Power Supply 100~240V 50-60Hz 4.1A 50-60Hz 5.0A Physical Parameter Operation TEMP / Humidity Storage TEMP / -40~+75°C;5%~90% RH Non condensing Humidity Dimension (L*W*H) Net /Gross Weight Installation Desktop, 19 inch 1U cabinet Certification & Warranty Lightning protection / protection level Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty Network Management Features	Power Consumption	Standby<16W, Full load<240W Standby<18W, Full load<380W		
Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity Dimension (L*W*H) Net /Gross Weight Certification & Warranty Lightning protection / protection level Certification CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS; Warranty Network Management Features	Dower Cumby	Built-in power supply, AC	Built-in power supply, AC 100~240V	
Operation TEMP / Humidity Storage TEMP / Humidity Dimension (L*W*H) 440*290*44.5mm Net /Gross Weight <4.0kg / <4.5kg <4.2kg / <4.7kg Installation Desktop, 19 inch 1U cabinet Certification & Warranty Lightning protection / protection level Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 3 years , lifelong maintenance. Network Management Features	Power Supply	100~240V 50-60Hz 4.1A	50-60Hz 5.0A	
Humidity Storage TEMP / Humidity Dimension (L*W*H) Net /Gross Weight Certification Certification CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS; Warranty Network Management Features	Physical Parameter			
Humidity Dimension (L*W*H) 440*290*44.5mm Net /Gross Weight <4.0kg / <4.5kg <4.2kg / <4.7kg Installation Desktop, 19 inch 1U cabinet Certification & Warranty Lightning protection / protection level Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 3 years , lifelong maintenance. Network Management Features	·	-20~+55°C;5%~90% RH Non condensing		
Net /Gross Weight <4.0kg / <4.5kg		-40~+75°C;5%~95% RH Non condensing		
Installation Desktop, 19 inch 1U cabinet Certification & Warranty Lightning protection / protection level Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 3 years , lifelong maintenance. Network Management Features	Dimension (L*W*H)	440*290*44.5mm		
Certification & Warranty Lightning protection / protection level Certification Certification Certification Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 3 years , lifelong maintenance. Network Management Features	Net /Gross Weight	<4.0kg / <4.5kg		
Lightning protection / protection level Certification CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 3 years, lifelong maintenance. Network Management Features	Installation	Desktop, 19 inch 1U cabinet		
Lightning protection: 6KV 8/20us; Protection level: IP30 CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS; Warranty 3 years , lifelong maintenance. Network Management Features	Certification & Warranty			
Certification RoHS; Warranty 3 years , lifelong maintenance. Network Management Features		Lightning protection: 6KV 8/20us; Protection level: IP30		
RoHS; Warranty 3 years , lifelong maintenance. Network Management Features	0.415	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B;		
Network Management Features	Certification	RoHS;		
	Warranty	3 years , lifelong maintenance.		
Interface IEEE802.3X (Full-duplex)	Network Managemen	t Features		
	Interface	IEEE802.3X (Full-duplex)		

	Broadcast storm control based on port speed	
	The speed limit of the message flow in the access port. The minimum	
	particle size is 64Kbps.	
	Port temperature protection setting	
	Port green Ethernet Energy-saving setting	
	L2+ Network management	
Lover 2 Feeture	IPV4/IPV6 management	
Layer 3 Features	L3 soft routing forwarding,	
	Static route, Default route @ 128 pcs, APR @ 1024 pcs	
	4K VLAN based on port, IEEE802.1q	
	VLAN based on the protocol	
VLAN	VLAN based on MAC	
	Voice VLAN, QinQ configuration	
	Port configuration of Access, Trunk, Hybrid	
Dort Aggregation	LACP, Static aggregation	
Port Aggregation	Max 10 aggregation groups and 8 ports per group.	
Spanning Tree	STP (IEEE802.1d),RSTP (IEEE802.1w),MSTP (IEEE802.1s)	
Multicast	IGMP Snooping v1/v2, Max 1024 multicast groups, Fast log out	
Withticast	MLD Snooping v1/v2,Multicast VLAN	
Port Mirroring	Bidirectional data mirroring based on port	
	Diff-Serv QoS,Priority Mark/Remark	
QoS	8*Output queues of each port	
	802.1p/DSCP priority mapping	
	Queue Scheduling Algorithm (SP, WRR, SP+WRR)	
	Flow-based Packet Filtering	
	Flow-based Redirection	
	Flow-based Rate Limiting	
ACL	L2 to L4 packet filtering, matching first 80 bytes message. Provide ACL	
ACL	based on MAC, Destination MAC address, IP Source, Destination IP, IP	

Protocol Type, TCP/UDP Port, TCP/UDP Port Range, and VLAN, etc. Port-based Issuing ACL. ACL based on port and VLAN User hierarchical management and password protection SSH 2.0,SSL,Port isolation,ARP message speed limit Broadcast storm control,Backup for host datum IEEE802.1X & MAC address authentication Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test Cable Diagnose,LLDP		
ACL based on port and VLAN User hierarchical management and password protection SSH 2.0,SSL,Port isolation,ARP message speed limit Broadcast storm control,Backup for host datum IEEE802.1X & MAC address authentication Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		Protocol Type, TCP/UDP Port, TCP/UDP Port Range, and VLAN, etc.
User hierarchical management and password protection SSH 2.0,SSL,Port isolation,ARP message speed limit Broadcast storm control,Backup for host datum IEEE802.1X & MAC address authentication Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		Port-based Issuing ACL.
SSH 2.0,SSL,Port isolation,ARP message speed limit Broadcast storm control,Backup for host datum IEEE802.1X & MAC address authentication Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		ACL based on port and VLAN
Broadcast storm control,Backup for host datum IEEE802.1X & MAC address authentication Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		User hierarchical management and password protection
Security IEEE802.1X & MAC address authentication Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		SSH 2.0,SSL,Port isolation,ARP message speed limit
Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		Broadcast storm control,Backup for host datum
Mac black holes,IP source protection AAA & RADIUS,MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test	0	IEEE802.1X & MAC address authentication
ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test	Security	Mac black holes,IP source protection
IP-MAC-VLAN-Port binding DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		AAA & RADIUS,MAC learning limit
DHCP DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		ARP inspection,Anti-DoS attack
Console/AUX Modem/Telnet/SSH2.0 CLI Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		IP-MAC-VLAN-Port binding
Web Management (HTTPS) Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test	DHCP	DHCP Client,DHCP Snooping,DHCP Server,DHCP Relay
Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test		Console/AUX Modem/Telnet/SSH2.0 CLI
V1/V2C/V3 Management One-key recovery NTP,System work log,Ping Test	Management	Web Management (HTTPS)
Management One-key recovery NTP,System work log,Ping Test		Download & Management on FTP, TFTP, Xmodem, SFTP,SNMP
NTP,System work log,Ping Test		V1/V2C/V3
		One-key recovery
Cable Diagnose,LLDP		NTP,System work log,Ping Test
		Cable Diagnose,LLDP
CPU instant utilization status view		CPU instant utilization status view
NMS - Smart Network Management System Platform (LLDP+SNMP)		NMS - Smart Network Management System Platform (LLDP+SNMP)
Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42		Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42
or higher, Microsoft Internet Explorer10 or later;	System	or higher, Microsoft Internet Explorer10 or later;
Category 5 Ethernet network cable		Category 5 Ethernet network cable
TCP/IP, network adapter, and network operating system (such as		TCP/IP, network adapter, and network operating system (such as
Microsoft Windows, Linux, or Mac OS X) installed on each computer in a		Microsoft Windows, Linux, or Mac OS X) installed on each computer in a
network		network

DIMENSION



A.Working indicator

B. 16* PoE ports

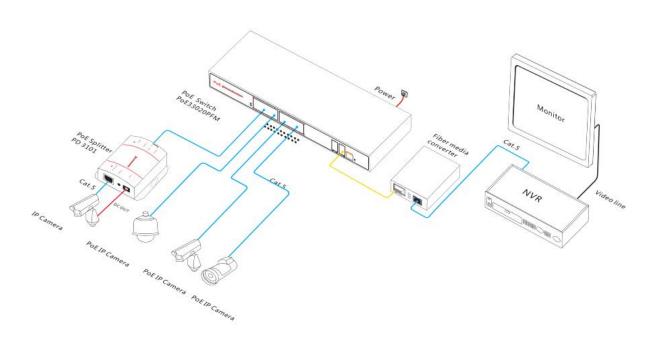
C. 4*Gigabit SFP ports

D. Console port

E.Reset switch

F.Power Input Port AC100-240V,50/60Hz

APPLICATION



PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	20-port full gigabit managed PoE switch	1	SET
	RJ45-DB9 Line	1	PC
	AC Power Cable	1	РС
	Mounting Kits(Hanging Ear)	1	SET
	User Guide	1	РС
	Warranty Card	1	РС

ORDERING INFORMATION

Model	Description	
	L2+ managed PoE fiber switch with 16* 10/100/1000M RJ45 ports and	
ITM-POE33020PFM	4*100/1000M SFP fiber slot ports , Port 1-16 can support IEEE	
	802.3af/at PoE standard, Built-in 250W power supply.	
	L2+ managed PoE fiber switch with 16* 10/100/1000M RJ45 ports and	
ITM-POE33020PFM-at	4*100/1000M SFP fiber slot ports , Port 1-16 can support IEEE	
	802.3af/at PoE standard, Built-in 400W power supply.	
Note:PoE switch does not match the SFP module.		

OPTICAL MODULE INFORMATION

Product	Model	Description	Unit
		SFP optical module, 1.25G, multi mode dual fiber	
	2630	850nm, transmission distance: 550m, LC interface,	PC
		support DDM, hot plug and pull.	
		SFP optical module, 1.25G, single-mode dual fiber	
	2632	1310nm, transmission distance: 20km, LC interface,	PC
		support DDM, hot plug and pull.	
		SFP optical module, 1.25G, single-mode single fiber	
1.25G Fiber Module	2612-T	TX1310nm/RX1550nm, transmission distance:	PC
		20km, LC interface, support DDM, hot plug and pull.	
		SFP optical module, 1.25G, single-mode single fiber	
	2613-R	TX1550nm/RX1310nm, transmission distance:	PC
		20km, LC interface, support DDM, hot plug and pull.	
		SFP optical module, 1.25G, single-mode single fiber	
	2612-T-SC	TX1310nm/RX1550nm, transmission distance:	PC
		20km, SC interface, support DDM, hot plug and pull.	
	2613-R-SC	SFP optical module, 1.25G, single-mode single fiber	
		TX1550nm/RX1310nm, transmission distance:	PC
		20km, SC interface, support DDM, hot plug and pull.	
Electric	2633	1.25G SFP optical module transfers to	PC
Module	2000	10/100/1000M RJ45 net port.	FU

RELATED PRODUCT

Model	Description
	L2+ managed PoE fiber switch with 10*10/100/1000M RJ45
ITM-POE33148PFM	ports and 4*10/1000M SFP slot ports, Port 1-8 can support
	IEEE802.3af/at PoE. Built-in 130W power supply.
	L2+ managed PoE fiber switch with 8*10/100/1000M RJ45
ITM-POE33010PFM	ports and and 4*10/1000M SFP slot ports, Port 1-8 can support
	IEEE802.3af/at PoE. Built-in 130W power supply.
	L2+ managed PoE fiber switch with 24*10/100/1000M RJ45
ITM-POE33026PFM	ports and 4*100/1000M SFP slot ports (2* combo ports), Port
	1-24 can support IEEE802.3af/at PoE. Built-in 400W power
	supply.
	L2+ managed PoE fiber switch with 24*10/100/1000M RJ45
ITM-POE33028PFM	ports and 4*100/1000M SFP slot ports, Port 1-24 can support
	IEEE802.3af/at PoE. Built-in 400W power supply.
	L2+ managed PoE fiber switch with 24*10/100/1000M RJ45
ITM-POE36036PFM	ports and 8*100/1000M SFP slot ports and 4*1/10G SFP+ slot
THIN-I OLGOGOFT W	ports, Port 1-24 can support IEEE802.3af/at PoE. Built-in 400W
	power supply.