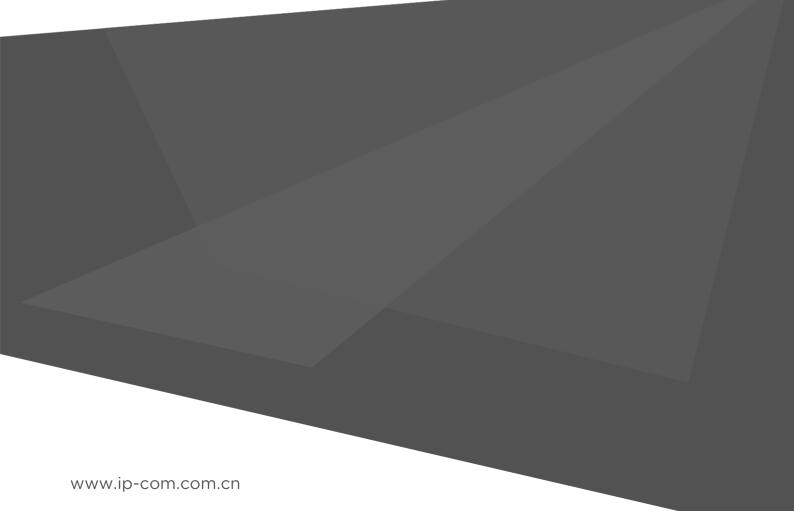


S3300-18-PWR-M

16-Port 10/100Mbps + 2 Gigabit Web Smart PoE Switch



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Products Description

S3300-18-PWR-M is a 16-Port 10/100Mbps +2-Port Gigabit TP/SFP Combo Web Smart PoE Switch developed by IP-COM. It provides 16 10/100Base-TX RJ45 ports, 2 10/100/1000Base-T RJ45 ports and 2 1000Base-X SFP combos.

Ports 1-16 support IEEE 802.3af PoE (15.4W) and IEEE 802.3at PoE+ (30W) powering. The whole PoE output is 230W. By using Cat 5 twisted pair, the device can provide data and power for APs, IP cameras, IP phones, and other PoE devices. Moreover, by using Cat 5e Ethernet and enabling extend mode, the transmission distance of data and power can be as long as 250 meters. In addition, it supports QVLAN, link aggregation, QoS, MAC binding, etc, which saves the cost, time and energy of network deployment to a great extent."



Key Feature

- 16 10/100Base-TX RJ45 ports, 2 10/100/1000Base-T RJ45 ports and 2 100/1000Base-X SFP combos
- 16 10/100Base-TX RJ45 ports support PoE power supply. The total power output is up to 370W and the maximum output of a single port is 40W.
- Powerful port management functions, including port mirroring, speed limit, trunk, etc.
- Supports IEEE 802.3Q Tag VLAN
- Supports Web, SNMP management and network diagnostics maintenance methods"

Product Features



250 Meters Transmission

With 8-pin and the professional network extension technology, the transmission distance of power and data can be up to 250 meters, which can work in place of network extender or some optical fiber to expand the network without additional cost.



Outstanding PoE Power Supply

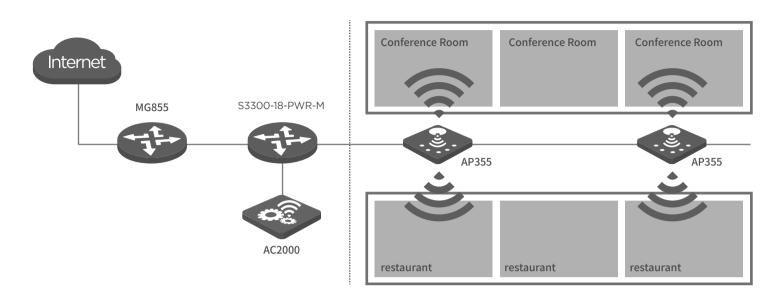
Ports 1-16 support IEEE 802.3at and IEEE 802.3af PoE standard. It provides 40W maximum PoE output a single port and 230W the whole device, which can power the high-power device. Various interface types (1000Mbps RJ45 ports, SFP uplink ports and 10/100Mbps PoE ports) meet the 100M and Gigabit Ethernet transition seamlessly.

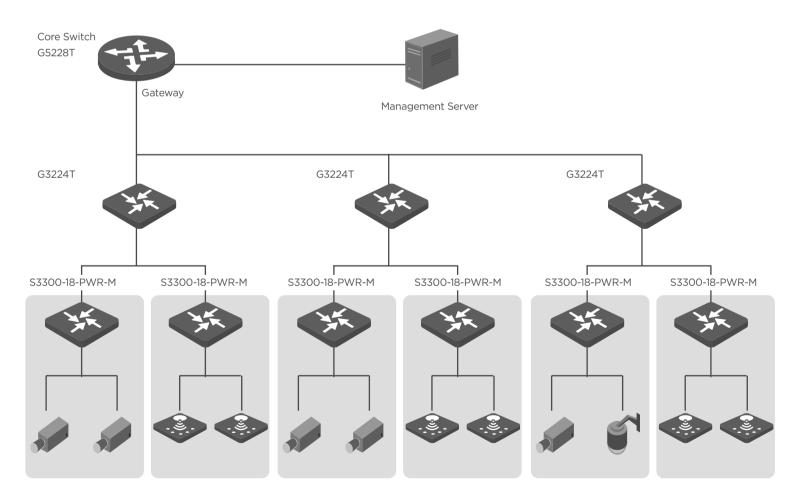


Reliability and Security

It provides PSE short-circuiting protection, PoE overloading, power over temperature, over voltage and surge current protection. And professional 6Kv lightning protection protects the device from thunder strike."

Application





Hardware FeaturesStandards & ProtocolsIEEE 802.3, IEEE 802.3a, IEEE 802.1a, IEE	Product Model	S3300-18-PWR-M
Stendards&ProtocolsIEEE 802.3x, IEEE 802.1W, IEEE 802.1Q, IEEE 802.3tSwitching capacity7.2 GbpsThroughrvt5.36MppsDimensions (W × D × H)440mm*284mm*44mmMTBF> > > > > > > > > > > > > > > > > > >		Hardware Features
Throughput 5.36Mps Dimensions (W × D × H) 440mm*284mm*44mm MTBF >100,000 hours(about 11 years) Interfaces 16 10/100Mbps RJ45 Ports(Data/PoE) 2 10/100/100Mbps RJ45 Ports(Data) 2 100/100Mbps SFF StoftCata) 2 Not storteres (Storteres Storteres Stortere	Standards&Protocols	IEEE 802.3x、IEEE 802.1D、IEEE 802.1W、IEEE 802.1Q、
Dimension Dimension NTBF440mm '244mm '44mmMTBF>100,000 hours(about 11 years)Interfaces16 10/100Mbps R/45 Ports(Data/PoE) 2.10/100Mbps R/45 Ports(Data) 2.10/100Mbps R/45 Ports(Data) (Auto Negotiation/Auto MD/MDIX)Port lightmap>6KVPort lightmapSupportCapacityForwarding mode Mac Address Table Act 100-240V~50/60HzPoet supportStore-forward and cut-through 4KPoet support 11 to Port 16 support standard IEEE02.3at/af Poet power (pasimum power for each port is 38W), Poet momentum each port is 38W), Poet momentum each port is 38W), Poet momentum each port is 38W), Power Supply: 230WInput VoltaeAC: 100-240V~50/60HzEnvironmeStorage Temperature: 0YC-4YC (2YF-104*F) Storage Temperature: 0YC-4YC (2YF-104*F)<	Switching capacity	7.2 Gbps
MTBF >100,000 hours(about 11 years) Interfaces 16 10/100Mbps RJ45 Ports(Data) 2.10/100Mbps RJ45 Ports(Data) 2.10/1	Throughput	5.36Mpps
Interfaces Is 10/100Mbps RI4S Ports(Data/POE) 2 10/1000Mbps RI4S Ports(Data) 2 100/1000Mbps SP SIot(Data) 2 100/1000Mbps SP SIOt(Data) Support Port Igyte Speed forwarding Capacity Support Port Support Soft- forward and cut-through 4K PoE Supply Port 1 fo Port 16 Support standard IEEE802.3at/af power (maximum power for each port is 38W). PoE power type is end-span(12+, 36- and 45+, 78- tine pair) PoE Supply AC: 100-240V~50/60Hz Power consumption AC: 100-240V~50/60Hz Power consumption Operating Temperature: 0°C-40°C (32°F-104°F) Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Temperature: 9%-90% non-condensing Storage Temperature: 9%-90% non-condensing PoE management Support over temperature protection for POE module Support graphical management, detection of PD equipment VLAN Support sup to 31 VLAN IDS Port VLAN Support sup to 31 VLAN IDS 202.1Q VLAN	Dimensions (W \times D \times H)	440mm*284mm*44mm
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Wire-speed forwardingSupportCapacityForwarding modeStore-forward and cut-throughMac Address Table4KPoE SupplyPort 1 to Port 16 support standard IEEE802.3at/af power (maximum power for each port is 38W), PoE power type is end-span(12+, 36- and 45+, 78- line pair)Input VoltageAC: 100-240V~ 50/60HzPower computingin full configuration: <250W Power Supply: 230WPower Supply: 230WOperating Temperature: 0°C-40°C (32°F-104°F) Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 19%-90% non-condensing Storage Humidity: 10%-90%VLANS	Interfaces	2 10/100/1000Mbps RJ45 Ports(Data) 2 100/1000Mbps SFP Slot(Data)
Forwarding mode Store-forward and cut-through Mac Address Table 4K PoE Supply Port 1 to Port 16 support standard IEEE802.3at/af power (maximum power for each port is 38W), PoE power type is end-span(12+, 36- and 45+, 78- line pair) Input Voltage AC: 100-240V~ 50/60Hz Power consumption In full configuration: <250W Power Supply: 230W Power Supply: 230W Operating Temperature: 0°C-40°C (32°F-104°F) Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%-90% non-condensing PoE management Software Features PoE management Support over temperature protection for PoE module Support graphical management, detection of PD equipment VLAN Supports up to 18 VLAN IDs Port VLAN Supports up to 31 VLAN IDs So12 VLAN Security MAC-Port Binding	Port lightning protection	≥6KV
Mac Address Table4KPoE SupplyPort 1 to Port 16 support standard IEEE802.3at/af power(maximum power for each port is 38W), PoE power type is end-span[12+, 36- and 45+, 78- line pair)Input VoltageAC: 100-240V~50/60HzPower consumptionin full configuration: <250W Power Supply: 230WCommentOperating Temperature: 0°C-40°C (32°F-104°F) Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 5%-90% non-condensing Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 5%-90% non-condensing Storage Temperature: 40°C-70°C (40°F-158°F) Operating Humidity: 5%-90% Decemperature: 40°C-70°C (40°F-158°F) Operating Humidity: 5%-90% Decemperature: 40°C-70°C (40°F-158°F) Operating Humidity: 5%-90% Decemperature: 40°C-70°C (40°F-158°F) Operating Humidity: 5%-90% Decemperature: 40°C-70°C (40°F-158°F) Op	Wire-speed forwarding	Support
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PoE Supplypower (maximum power for each port is 38W), PoE power type is end-span(12+, 36- and 45+, 78- line pair)Input VoltageAC: 100-240V~ 50/60HzPower consumptionin full configuration: <250W Power Supply: 230WPower supply: 230WOperating Temperature: 0°C-40°C (32°F-104°F) Storage Temperature: 40°C-70°C (-40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%-90% non-condensing Storage Humidity: 5%-90% non-condensing Storage Humidity: 5%-90% non-condensing Storage Temperature: 40°C-70°C (-40°F-158°F) Operating Humidity: 5%-90% non-condensing Storage Humidity: 10%-90% non-condensing Storage Humidity: 10%-90% non-condensing Storage Humidity: 10%-90% non-condensing Storage Humidity: 5%-90% non-condensing Storage Humidity: 10%-90% non-condensing Storage Humidity: 10%-90% Storage Humidity: 10%-90% <b< td=""><td>Mac Address Table</td><td>4К</td></b<>	Mac Address Table	4К
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Power consumptionPower Supply: 230WEnvironmentOperating Temperature: 0°C-40°C (32°F-104°F) Storage Temperature: 40°C-70°C (-40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%-90% non-condensing PoE management Support over temperature protection for PoE module Support graphical management, detection of PD equipmentVLANSupports up to 18 VLAN IDS Port VLAN Supports up to 31 VLAN IDS 802.1Q VLANSecurityMAC-Port Binding	Input Voltage	AC: 100-240V~ 50/60Hz
EnvironmentStorage Temperature: -40°C ~70°C (-40°F ~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensingEnvironmentSoftware FeaturesPoE managementSupport over temperature protection for PoE module Support graphical management, detection of PD equipmentVLANSupports up to 18 VLAN IDs Port VLAN Supports up to 31 VLAN IDs 802.1Q VLANSecurityMAC-Port Binding	Power consumption	
PoE managementSupport over temperature protection for PoE module Support graphical management, detection of PD equipmentVLANSupports up to 18 VLAN IDs Port VLAN Supports up to 31 VLAN IDs 802.1Q VLANSecurityMAC-Port Binding	Environment	Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing
PoE management Support graphical management, detection of PD equipment VLAN Supports up to 18 VLAN IDs Port VLAN Supports up to 31 VLAN IDs 802.1Q VLAN Security MAC-Port Binding		Software Features
VLAN Supports up to 31 VLAN IDs 802.1Q VLAN Security MAC-Port Binding	PoE management	Support graphical management,
	VLAN	
	Security	MAC-Port Binding
Link aggregation Static Trunk Supports 3 groups of 4-Port trunk support	Link aggregation	Static Trunk Supports 3 groups of 4-Port trunk support
STP STP/RSTP	STP	STP/RSTP
IGMP Snooping IGMP (v1/v2) Snooping	IGMP Snooping	IGMP (v1/v2) Snooping
Port Mirroring N: 1 port mirroring	Port Mirroring	N: 1 port mirroring
QoS802.1p and DSCP priority re-marking Flow controlQoSFlexible queue scheduling algorithm can be set based on port and queue, support SP, WRR,	QoS	Flow control Flexible queue scheduling algorithm can be set
Firmware upgrade Upgrade via the Web	Firmware upgrade	Upgrade via the Web
Management and maintenance Support SNMP v1/v2 and WEB-based management	Management and maintenance	Support SNMP v1/v2 and WEB-based management
Certification FCC、CE、RoHS	Certification	FCC、CE、RoHS



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