IGS-2016G1-350

- 16x 10/100/1000Mbps downlink PoE Ethernet Ports, 2x 10/100/1000Mbps uplink Ethernet Ports and 2x 1000Mbps uplink SFP Ports;
- Supports port auto-flip (Auto MDI/ MDIX);
- Each of 16 ports all support IEEE802.3at;
- Maximum power per port: 30W;
- Maximum PoE power: 350W;
- Adopts store-and-forward architecture;
- Built-in 1U rack power supply series, easy installation;

CE FC

Description

IGS-2016G1-350 is a compact 16 Port poe switch, with 16ports supporting 10/100/1000Mbps, 2 ports supporting 10/100/1000 Mbps, 2port Gigabit SFP Auto-negotiation and Auto-MDI/MDIX, The 16 POE ports can automatically detect and provide power for any connected 802.3at Powered Device(PD), such as VOIP phones, IP Cameras, All POE ports support the IEEE802.3at standard, with a maximun output of 30w each port.

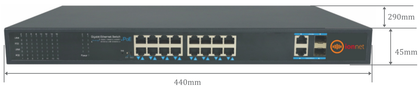
Applications

- Security Monitoring System
- Communications industrial
- Transportation industrial
- Multimedia Network Teaching System
- Medical Monitoring Display System
- Industrial Automation Control System
- Banking, securities, financial information display system
- Remote Network Server Monitoring
- Department Store Security
- Casino Security
- Hospitals, Airports and banks
- School Campuses

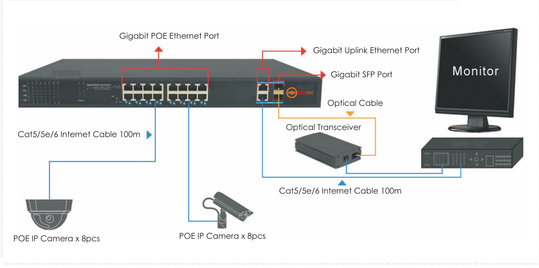
Specification

Item		Description
Power	Power Adapter Voltage	110 - 240V AC
	Consumption	350W
Network Connector	Network Port	1~16 Port: 10/100/1000Mbps, 1~16: POE Ethernet Port
		Uplink Port: two Ethernet 1000Mbps two SFP 1000Mbps
	Transmission Distance AA	1~16 Port: 0~100m;
		SFP: depends on the optical module
	Transmission Medium	Cat5/5e/6 standard network cable
Network Switch	Network Standard	IEEE 802.3, IEEE 802.3u,IEEE 802.1ab, IEEE 802.3x
	Switching Capacity	22Gbps
	Packet Forwarding Rate	14Mpps
	MAC Table	4K
Power Over Ethernet	POE Standard	IEEE 802.3at
	POE Power Supply Type	End-Span(1/2+;3/6-)
	PoE Power Consumption	at=30W(every port)
LED Status Indicator VLAN/Ext end	POE Ethernet LED Indicator	Power: 1 red light indicates that the power normal work
		POE:16 yellow lights indicate that the POE is power on
		Ethernet: 20 green lights indicate that the Ethernet link and act;
Environmental	Working temperature	0℃ ~ 55℃
	Relative Humidity	20 ~ 95%
	Storage temperature	-20℃ ~ 70℃
Mechanical	Dimension (L x W x H)	440 mm *290 mm *45mm
	Color	Black
	Weight	3385g
Stability	MTBF	>30000h

Dimension

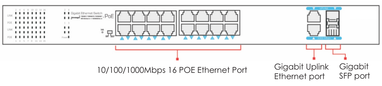


Application



Board Diagram

■ Front board



■ Back board

■ Side board

Plug Producing Method

Instruments to be used: wire crimper, network tester. Wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B;
1) Please remove 2cm long the insulating layer, and bare 4 pairs UTP cable;
2) Separate the 4 pairs UTP cable and straighten them;
3) Line up the 8 pieces of cables per EIA/TIA 568A or 568B;
4) Cut off the cables to leave 1.5cm bare wire;
5) Plug 8 cables into RJ45 plug, make sure each cable is in each pin;
6) Use the wire crimper to crimp it;
7) Repeat above 5 steps to make the another end;
8) Use network tester to test the cable if it works;

Pin Color
1 White/Green
2 Green
3 White/Orange
4 Blue
5 White/Blue
6 Orange
7 White Brown
8 Brown

EIA/TIA568A

Pin Color
1.White/Orange
2.Orange
3.White/Green
4.Blue
5.White/Blue
6.Green
7.White/Brown
8.Brown

EIA/TIA568B

⚠ Notice

When choose RJ45 make sure if one end is EIA/TIA568A,the other end should also be EIA/TIA568A.
When choose RJ45 make sure if one end is EIA/TIA568B,the other end should also be EIA/TIA568B.

Package List

Designation	Quantity
POE Switch	1PC
Power adapter / Power adapter cable	1PC
User Manual	1PC