

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;



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 maximum 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

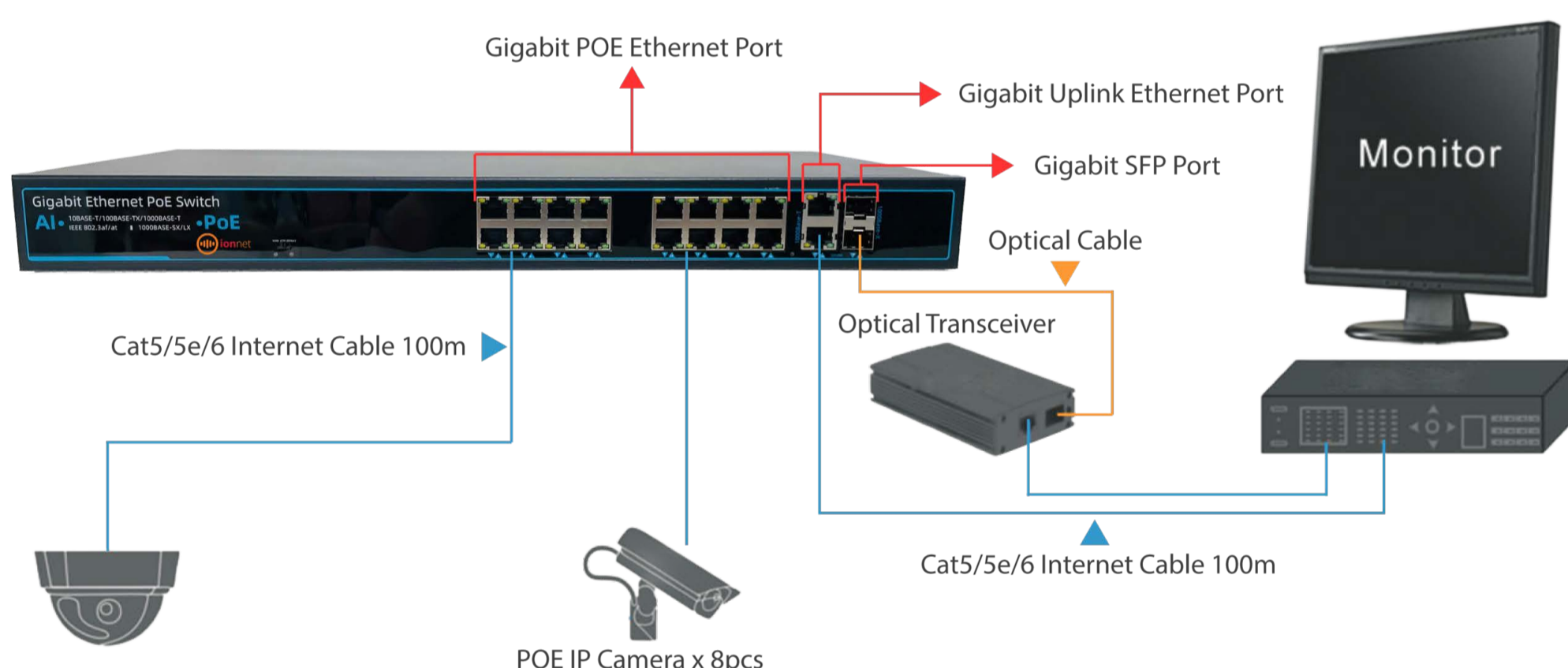
Specification

	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	IEEE802.3/802.3u,IEEE802.3x,IEEE802.1D
	Switching Capacity	40Gbps
	Packet Forwarding Rate	29.75Mpps
Power Over Ethernet	MAC Table	8K
	POE Standard	IEEE 802.3at
	POE Power Supply Type	End-Span(1/2+/3/6-)
LED Status Indicator VLAN/Ext end	POE Power Consumption	at=30W(every port)
	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°C ~ 55°C
	Relative Humidity	20 ~ 95%
	Storage temperature	-20°C ~ 70°C
Mechanical	Dimension (L x W x H)	440 mm *290 mm *45mm
	Color	Black
	Weight	3385g
Stability	MTBF	>30000h

Dimension

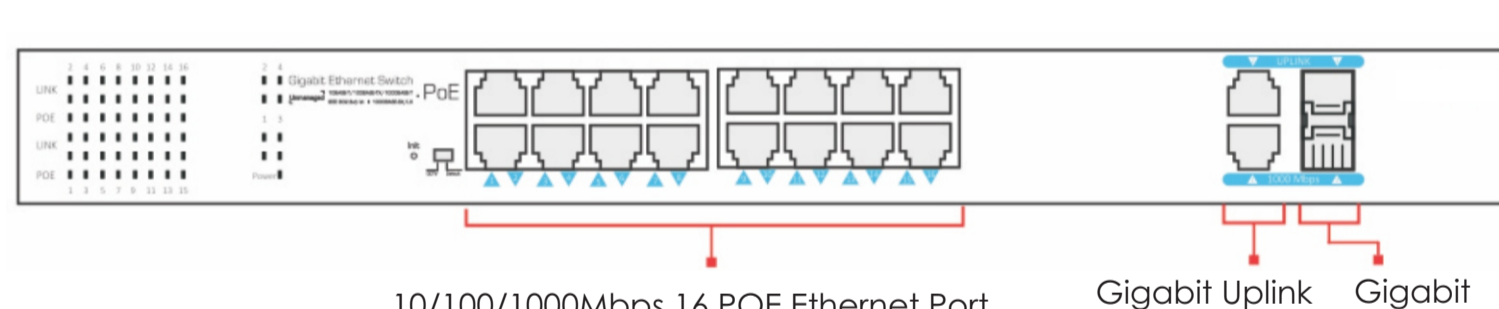


Application

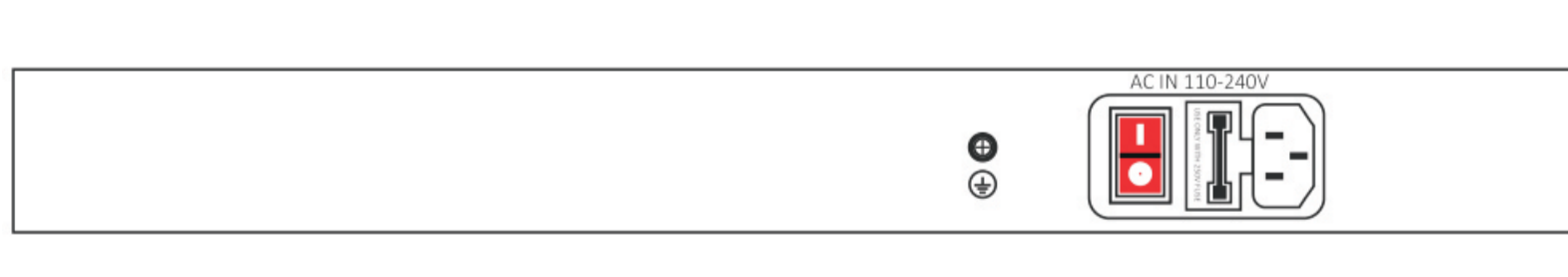


Board Diagram

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 the 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