

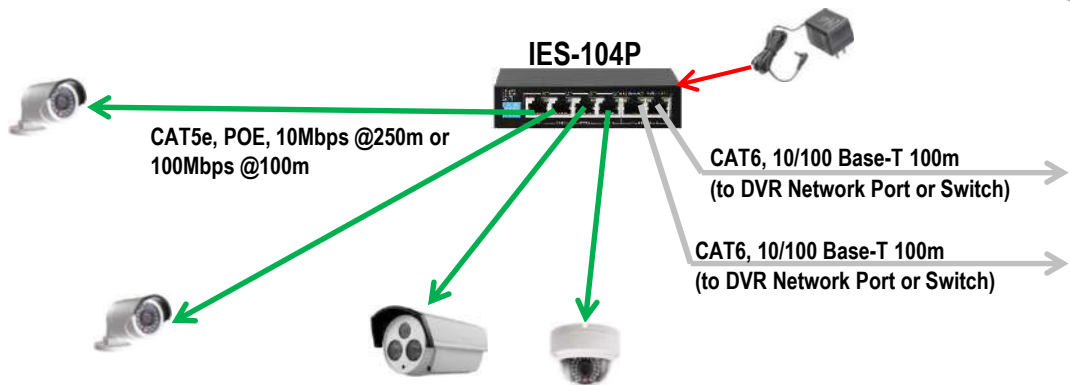
IES-104P – 4-Port PoE Switch with 2 Uplink



Features

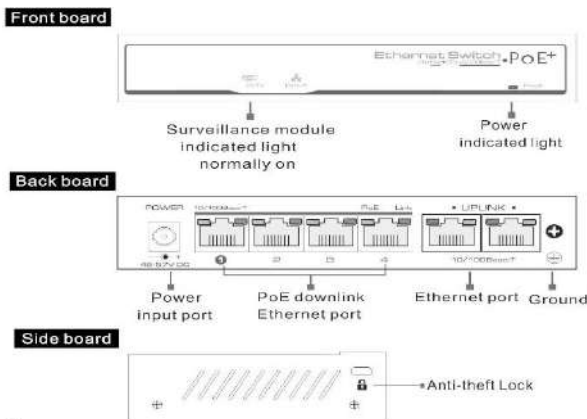
- 4x RJ45 PoE Port, 10/100-Base-T
- 2x RJ45 Uplink Port, 10/100-Base-T
- PoE Standard : IEEE802.3 af/at
- Total Power : 60W Total
- Max. Power single port : 30W
- **VLAN** : POE port only link to Uplink port
- **QoS** : LAN prioritise Internet
- **EXTEND** : PoE port 250m@10Mbps
- **PoE** : Auto restart port if PoE on data off
- 48VDC (Adapter Included)
- Recommend used in indoor condition

Connection Diagram



Specification

- 48~52VDC Input, 48V/2A Adapter inc.
- Switching Capacity : 1.2Gbps
- Data Buffer : 768K
- Network Delay : <20uS
- Network Protocol : 802.3i/u/x/af/at
- Operating Environment : 0~40°C / 0~95% Humidity
- Surge protection : 3kV
- Galvanized Sheet with Black Epoxy Powder Coating
- Size : 125 x 27 x 75(D) mm, 0.5kg



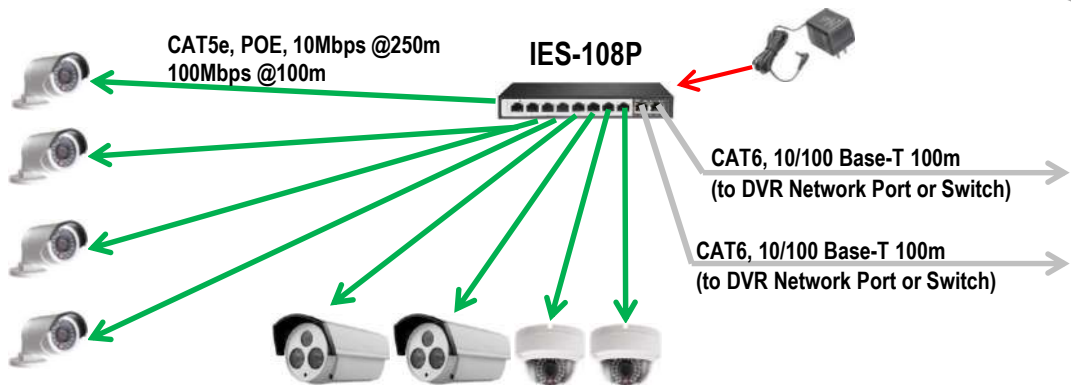
IES-108P – 8-Port PoE Switch



Features

- 8x RJ45 PoE Port, 10/100-Base-T
- 2x RJ45 Uplink Port, 10/100-Base-T
- Standard : IEEE802.3 af/at
- PoE Power : 80W Total
- Max. Power single port : 30W
- **VLAN** : POE port only link to Uplink port
- **QoS** : LAN prioritise Internet
- **EXTEND** : PoE port 250m@10Mbps
- **PoE** : Auto restart port if PoE on data off
- 48VDC (Adapter Included)
- Recommend used in indoor condition

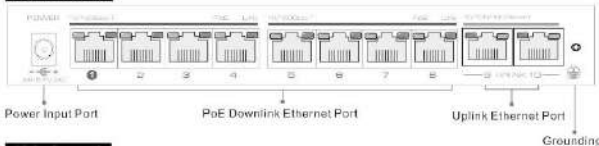
Connection Diagram



Front board



Back board



Side board



Specification

- 48~52VDC Input, 48V/2A Adapter inc.
- Switching Capacity : 2Gbps
- Data Buffer : 1.5MB
- Network Delay : <20uS
- Operating Environment : 0°~40°C / 0~95% Humidity
- Surge protection : 3kV
- Galvanized Sheet with Black Epoxy Powder Coating
- Size : 184(W) x94(D) x27(H) mm
- Weight : 0.5kg

IES-116-EP – 16-Port PoE Switch with 2 Uplink

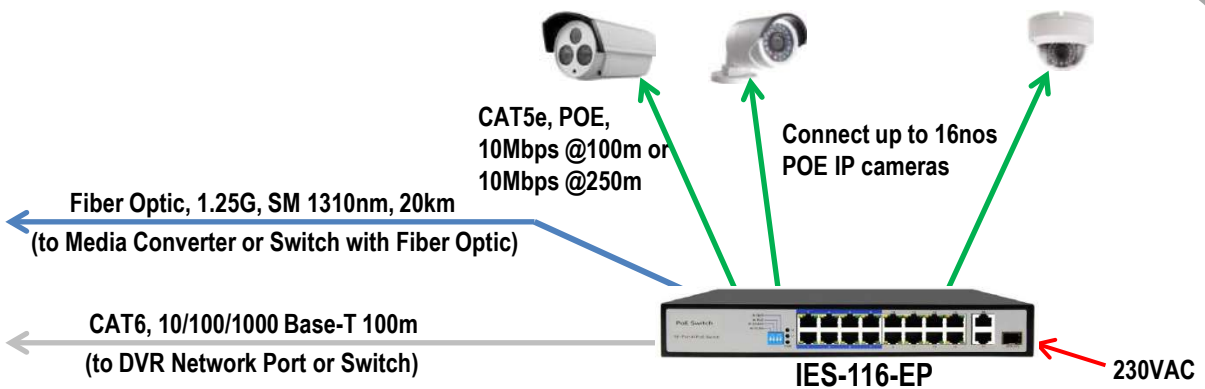


(SFP Fiber Optic Module Not Included)

Features

- 16x RJ45 PoE Port, 100 Base-T
- **2x 1000Mbps** Uplink (**Combo** x1 + **UTP** x1)
- **7.2Gbps** switching
- **5.4Mpps** packet forward rate
- POE Protocol : IEEE802.3, 802.3 af/at
- POE Power : 150W Total, Max. 30W/port
- **EXTEND** : PoE port 250m@10Mbps
- **VLAN** : Isolates ports 1–16 to prevent network storms
- **QoS** : LAN prioritized over Internet
- **PoE** : Port restart when PoE on but no data

Connection Diagram



Specification

- 100~240VAC Input, 150W Max.
- Network Standard : IEEE802.3i/u/x/ab/af/at
- Throughput 5.4Mpps
- Lightning Protection : 3KV, 30000h MTBF, IEC61000-4-5
- Operating Environment : -10°~40°C / 0~90% Humidity
- Aluminum Casing with Black Epoxy Powder Coating
- Size : 280(W) x180(D) x44(H) mm
- Weight : 2.3kg



1. Power socket

2. Ground terminal

IES-124-P – 24-Port PoE Switch with 2 Uplink

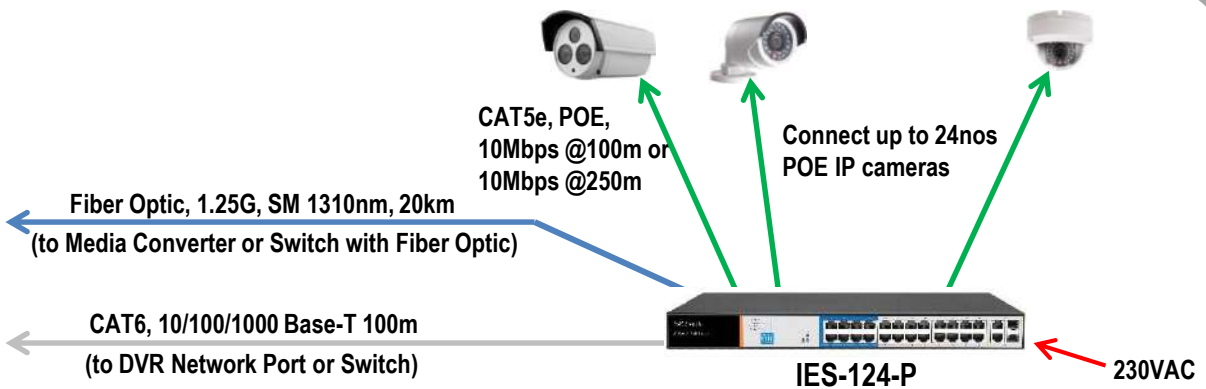


(SFP Fiber Optic Module Not Included)

Features

- 24x RJ45 PoE Port, 100 Base-T
- **2x 1000Mbps SFP/UTP Combo** Uplink
- **8.5Gbps** switching
- **5.36Mpps** packet forward rate
- POE Protocol : IEEE802.3, 802.3 af/at
- POE Power : 250W Total, Max. 30W/port
- Surge Protection : 3KV, 30000h MTBF
- **CCTV** : PoE ports only link with Uplink port
- **QoS** : LAN prioritized over Internet
- **PoE** : Port restart when PoE on but no data
- **EXTEND** : PoE port 250m@10Mbps

Connection Diagram



1. Working mode key
2. Port LEDs
3. 24 10/100/1000Mbps PoE Ports
4. 2 10/100/1000Mbps PoE Ports
5. 2 SFP Ports



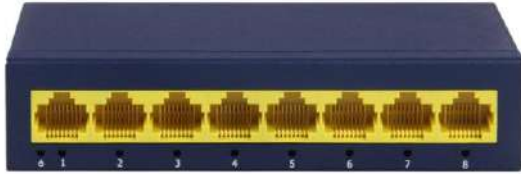
1. Power socket
2. Ground terminal

Specification

- 100~240VAC Input, 250W Max.
- Network Standard : IEEE802.3i / u / x / ab / af / at
- Throughput 5.36Mpps
- Lightning Protection : 3KV, IEC61000-4-5
- Operating Environment : -10°C~40°C / 0~90% Humidity
- Aluminum Casing with Black Epoxy Powder Coating
- Size : 442(W) x180(D) x44(H) mm
- Weight : 2.4kg

* Specification may be changed without prior notice

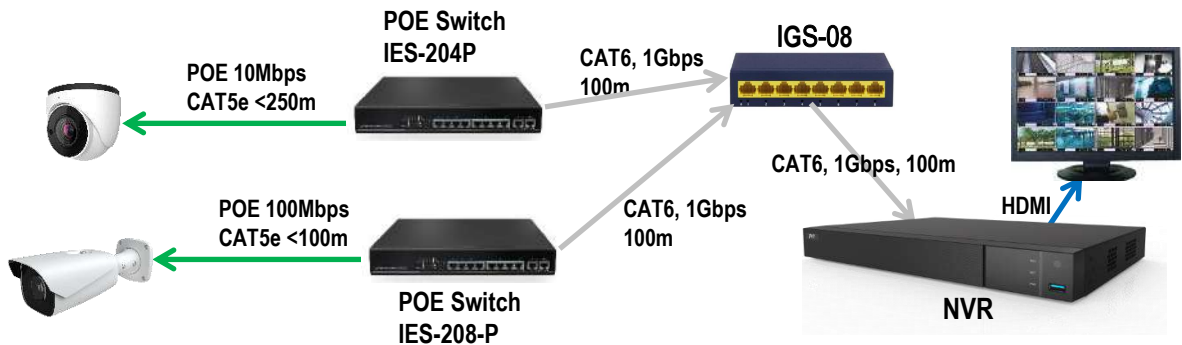
IGS-08 – 8-Port Full Gigabit Network Switch



Features

- Full Gigabit Unmanaged
- Cost Effective & High Performance
- 8x 1000Mbps UTP Port
- Surge Protection : 6KV
- 50000h MTBF
- Voltage Input : 12 VDC (adapter inc.)

Design Example



Specification

- 12VDC/0.5A, 12VDC/1A Adapter Included
- Switching Capacity : 16 Gbps
- Frame Filter & Transfer Rate : 1,488,009pps
- MAC address capacity : 4K
- Protocol : IEE802.3/u/ab/X
- Data Buffer : 2.5 MB
- Network Delay : <20uS
- Operating Environment : 0°~50°C / 0~95% Humidity
- Surge protection : 6kV
- Galvanized Sheet with Black Epoxy Powder Coating
- Size : 125 x 75 x 27mm
- Certificate : CE

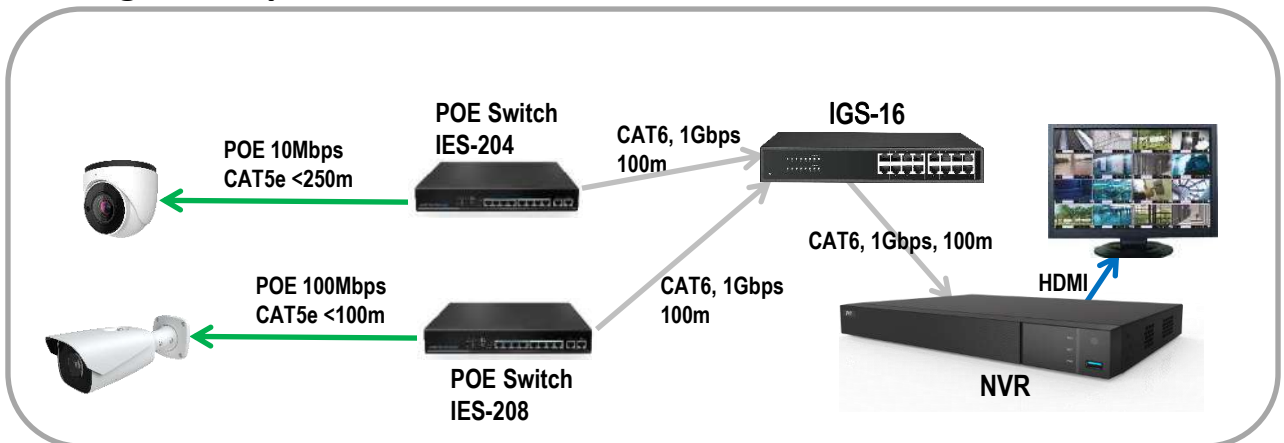
IGS-16 – 16-Port Full Gigabit Unmanaged Network Switch



Features

- Cost Effective, Simple to use & High stability
- 16x 1000Mbps RJ45 Port
- Standard : IEEE802.3 i/u/x
- Surge Protection : 6KV
- ESD Protection : 8KV
- 50000h MTBF
- Wide Voltage Input : 100~240VAC
- LED Link/ACT Indicator at front panel

Design Example



Specification

- Power : 100~240 AC
- Switching Capacity : **32 Gbps**
- Forwarding Rate : **23.8 Mpps**
- Data Buffer : 2.75 M
- MAC table : 8K
- Network Delay : <20uS
- Operating Environment : 0°~50°C / 0~95% Humidity (non condensing)
- Surge protection : **6kV**
- Galvanized Sheet with Black Epoxy Powder Coating
- Size : 285 x 180 x 44mm
- Certificates : CE / ROHS / FCC / CCC