PoE
Product Series

10/100 Mbps PoE Switchs

Provision-ISR 10/100Mbps PoE switches were designed with extra care and deep understanding for IP Survel-lience installation needs. We took into consideration the unique requirements for IP CCTV installation and implemented it into our switches to give the best results and reliablity in any installation layout.

They are design for high stability and feature special function such as:

• 2 Port Uplink For All Models (including small models)
• "CCTV Mode"
• Surge Protection
• And much more...

All models fully complies with IEEE 802.3 standard and automatically detect Power Device (PD) and power consumption level.

4+2-Port 10/100 Mbps PoE Switch

Model: PoES-0460+2

- Downlink: 4x100Mbps Ports
- Uplink: 2x 100Mbps Port
- 60 watt (Avg:15w Max 30W per ch)
- External Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-in Surge Protection
- CCTV mode:
  - up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports- improve security and data transmission efficiency.
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

8+2-Port 10/100 Mbps PoE Switch

Model: PoES-08120+2

- Downlink: 8x100Mbps Ports
- Uplink: 2x 100Mbps Port
- 120 watt (Avg:15w Max 30W per ch)
- External Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-in Surge Protection
- CCTV mode:
  - up to 250 meter at 10Mbps
  - Vlan function: no communication among downlink ports improve security and data transmutation efficiency
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

16+2Combo-Port 10/100 Mbps PoE Switch

Model: PoES-16250+2Combo

- Downlink: 16x100Mbps Ports
- Uplink: 2 x 1G port or 2 SFP (Combo) (Optical)
- 250 watt (Avg:15w Max 30W per Ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-in Surge Protection
- Rack mount bracket included

24+2Combo-Port 10/100 Mbps PoE Switch

Model: PoES-24370+2Combo

- Downlink: 24x100Mbps Ports
- Uplink: 2 x 1G Port or 2 SFP (Combo) (optical)
- 370 watt (Avg:15w Max 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-in Surge Protection
- Rack mount bracket included
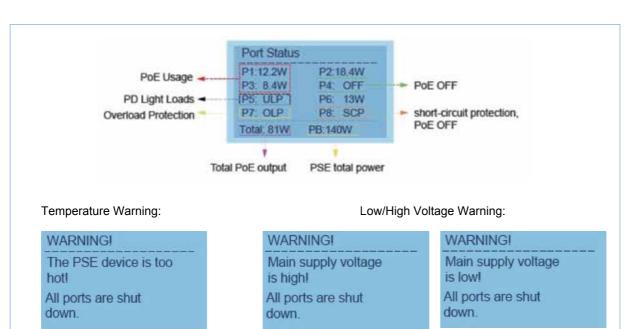
Full Giga-Port 10/100/1000 Mbps PoE Switchs

Provision-ISR's Full Giga Ethernet PoE switches are designed for professionals!
We created an outstanding advantage with 1U (16/24 Ports) Giga PoE switches by equipping them with an LCD screen which gives a real-time status for each one of the ports. This will ease the installation, increase safety of use and will give usefull information during routine work and while facing a problem.

Indications available are:

• Single Channel Output Power (W)
• Overload (OLP)
• Short circuit (SCP)
• Low voltage/Over voltage (warning)
• High temperature (warning)
• Light load (ULP)

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WARNING!

Main supply voltage
is low!
All ports are shout
down.

Port Status

Port Status

P1:12.2W	P2:18.4W
P3: 8.4W	P4: OFF
P5: ULP	P6: 13W
P7: OLP	P8: SCP
Total: 81W	PB:140W

PoE Usage
PD Light Loads
Overload Protection

PoE OFF
short-circuit protection, PoE OFF

Total PoE output   PSE total power

Temperature Warning:

WARNING!

The PSE device is too hot!

All ports are shut down.

Low/High Voltage Warning:

WARNING!

Main supply voltage is high!

All ports are shut down.

WARNING!

Main supply voltage is low!

All ports are shut down.

4+2-Port Giga PoE Switch
Model: PoES-0460G+2G

- 4x 10/100/1000 Mbps Ports
- All Ports Act As Both Downlink/Uplink
- Uplink: 2 x 1G Port
- 60watt (Avg:14w Max 32W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet
- Distance, Up to 100 Meter
- Built-In Surge Protection

8-Port Giga PoE Switch
Model: PoES-08120G

- 8x 10/100/1000 Mbps Ports
- All Ports Act As Both Downlink/Uplink
- 120 watt (Avg:15w Max 32W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up To 100 Meter
- Built-In Surge Protection
- Built-In LCD For Status Indication
- Rack mount bracket included

16-Port Giga PoE Switch
Model: PoES-16260G

- 16x 10/100/1000 Mbps Ports
- All Ports Act As Both Downlink/Uplink
- 260 watt (Avg:18.5w Max 32W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-In Surge Protection
- Built-In LCD For Status Indication
- Rack mount bracket included

24+2SFP-Port Giga PoE Switch
Model: PoES-24330G+2SFP

- 24x 10/100/1000 Mbps Ports
- All Ports Act As Both Downlink/Uplink
- Uplink: 2 x SFP Slots
- 330 watt (Avg:14w Max 32W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-In Surge Protection
- Built-In LCD For Status Indication
- Rack mount bracket included

PoE Accessories

1 Ch PoE Ethernet Injector
Model: PoEI-0115

Turn Non-PoE Port to PoE port.
Designed for application where having a normal "none PoE Switch" but wish to get a PoE function to feed camera.

- Downlink: 16x100Mbps Ports
- Uplink: 2 x 1G port or 2 SFP (Combo) (Optical)
- 250 watt (Avg:15w Max 30W per Ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance, Up to 100 Meter
- Built-in Surge Protection
- Rack mount bracket included

1 Ch PoE Ethernet Splitter
Model: PoESP-0112S

Split PoE Port to DC Power + 10/100 Mbps Ethernet.
Designed for applications where having a PoE Switch and None PoE device. the Splitter Split the input PoE Signal to 2 independent output signals: Ethernet + DC (5/9/12V)

- Adjustable output 5VDC/2A, or 9VDC/1.5A or 12VDC/1A
- Maximum Power Output Up To 12W.
- Short Circuit Protection.
- High Efficiency DC/DC Converter
- Complies With IEEE802.3af Power Over Ethernet

1 Ch PoE Extender (Repeater)
Model: PoER-01

Extend PoE Signal addition 100 meter.
Designed for Application where PoE camera located over 100 Meter Distance from the PoE Switch.

- Extends PoE Ethernet Range Up To Additional 100 Meter 10/100Mbps Ethernet
- No Additional Power Supply Is Required
- Automatically Detects And Protects PoE Equipment From Being Damaged By Incorrect Installation
- Complies With IEEE802.3af Power Over Ethernet

PoE Accessories

1 to 2 CH PoE Extender (Repeater)
Model: PoES-02

Split 1 Ch PoE to 2Ch and Extend PoE Signal additional 150 meter. Designed for Application where PoE camera or 2 located over 100 Meter Distance from the PoE Switch. Allows to transmit both cameras PoE signal Over 1 Ethernet . for Ease the installation, save on cabling cost and labor.

- Extends PoE Range Up To Additional 150 Meters
- 10/100Mbps Ethernet
- 2 Ch Output
- No Additional Power Supply Is Required
- Automatically Detects And Protects PoE Equipment From Being Damaged By Incorrect Installation
- Compliance With IEEE802. 3 10BASE-T, IEEE802. 3u 100BASE-TX, IEEE802. 3af/at, Standards
- Wall Bracket/Earthling Terminal
- Rail (mail/female) Design to attached Several Unit In a Row

* Will cause a power lost of approx. 3 watt for its own operational use
* Power (Watt) which supplied to camera depend on: Number of cameras ,cable distance and Feeding PoE Port Power limitation! subject to Operational Spec.

Ethernet & Power Over Coax (EPOC)
Model: EPOC-01

Design for applications where IP camera replacing an old Analog cameras and the Coax cable infrastructure is already there.
EPOC allows to transmit both Power and Ethernet signal over coax cable.

- Set-Transmitter + Receiver
- Up To 500 Meter Power And Ethernet Transmit Ion Over Coax
- Including External Power Supply
- Compliance With Standard: IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3af/at
- Built-In Surge Protection

None PoE Power Over Ethernet Transmitter/Receiver
Model: PoE-01

Design To Transmit DC Power and Ethernet Over Ethernet Cable.

- Set-Transmitter/Receiver
- 50 Meter Working Distance
- Required Camera External Power Supply
- Supply a DC Power Input To Camera And Not PoE