



ICR-PoE-8/16/24

8/16/24 Port 10/100 Ethernet PoE Switch

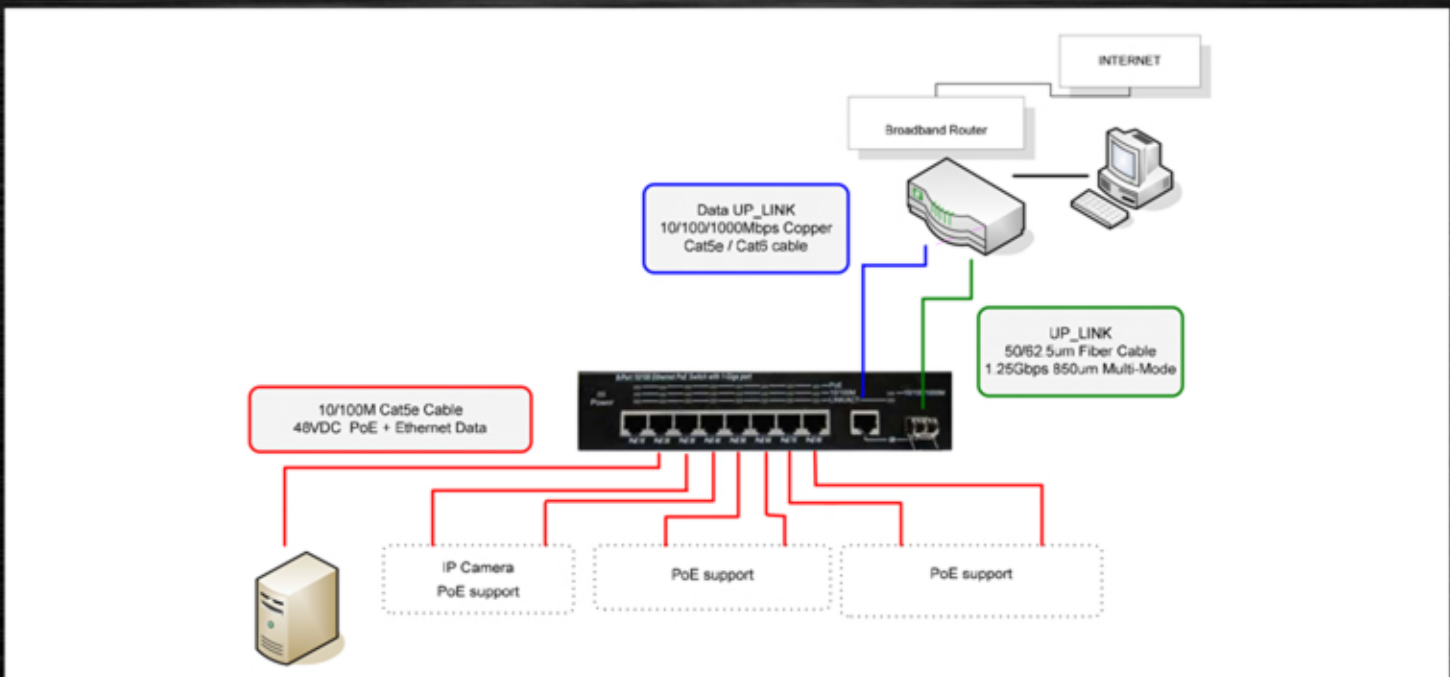
Features

- PoE Product Designed Specifically for the CCTV Industry
- Each Port Can Handle Up to 25 Watts of Power
- Gigabyte RJ45 and FIBER SFP module
- Rack Mountable
- 8, 16, 24 port Models
- Wire speed reception and transmission.
- Full/half duplex transfer mode for each port.
- Compliant with IEEE 802.3af.
- Supports PoE power up to 112W for all PoE ports.



Overview

Power over Ethernet (PoE) integrates 48V power and data onto one single cable, eliminating the need to have AC power available at all equipment locations. Power and Data are integrated onto the same cable, supporting category 5/5e up to 100 Meters. PoE provides power to PoE compatible devices, such as VOIP telephones, wireless LAN access points, and IP security cameras. PoE devices are readily in the market, saving up to 50% of overall installation cost by eliminating the need to install separate electrical wiring and power outlets.



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ICR-PoE-8

Specifications

Standard	IEEE 802.3 10BASE-T Ethernet
	IEEE 802.3u 100BASE-TX Fast Ethernet
	IEEE 802.3x Full Duplex Flow Control
	IEEE 802.3af Power over Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet (twisted-pair copper)
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex)
	Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)
	Gigabit Ethernet: 2000Mbps (full duplex)
Network Cables	10Base-T: 2-pair UTP Cat 3, 4, 5 up to 100 meters.
	100Base-T : 2-pair UTP Cat 5, 5e up to 100 meters.
	1000Base-T: 4-pair UTP Cat5e 6, up to 100meters.
	50/62.5um LC signal model or Multi model fiber cable.
Number of Ports	8 x 10/100Mbps auto-MDIX RJ-45 ports with 8 PoE enabled ports.
	1 x 10/100/1000Mbps RJ-45 port
PoE power on RJ-45	Power +: ping 3 & ping 6 : Power –" ping 1 & ping 2
AC to DC power supply	Input: 110V ~ 240VAC, 50Hz ~ 60Hz. Output: 48VDC / 2.5A
Power Consumption	8.0 watts (max with no PD device connected)
	112 watts (8 PoE ports 15.4W/port)
Temperature	Operation: 0° ~ 40° or 32° ~ 104°
	Storage Temperature: -10° ~ 70° or 14° ~ 158°
Humidity	Relative Humidity: 5% - 95%
Dimensions	210mm W x 170mm D x 44.3mm H
EMI	FCC Class B, CE Mark Class B
Safety	100VAC to 240VAC power supply UL listed.
RAM buffer	2.75Mb bytes per device
Filtering Address Table	4K entries per device
Packet Filtering Forwarding Rate	10Mbps Ethernet: 14,880/pps 100Mbps Ethernet: 148,800/pps 1000MBase-T Ethernet: 1,488,000/pps.
MAC address Learning	Automatic update
Transmission Method	Store – and – Forward

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ICR-PoE-16

Specifications

Standard	IEEE 802.3 10BASE-T Ethernet
	IEEE 802.3u 100BASE-TX Fast Ethernet
	IEEE 802.3x Full Duplex Flow Control
	IEEE 802.3af Power over Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet (twisted-pair copper)
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex)
	Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)
	Gigabit Ethernet: 2000Mbps (full duplex)
Network Cables	10Base-T: 2-pair UTP Cat 3, 4, 5 up to 100 meters.
	100Base-T : 2-pair UTP Cat 5, 5e up to 100 meters.
	1000Base-T: 4-pair UTP Cat5e 6, up to 100meters.
	50/62.5um LC signal model or Multi model fiber cable.
Number of Ports	16 x 10/100Mbps auto-MDIX RJ-45 ports with 16 PoE enabled ports. 2 x 10/100/1000Mbps RJ-45 ports. 2 x 10/100/1000Mbps SFP ports (option)
PoE power on RJ-45	Power +: pin 3 & pin 6 : Power –" pin 1 & pin 2
Power Supply	Input: 100V ~ 240VAC, 50Hz ~ 60Hz. Output: 48VDC 7.3A(350W)
Power Consumption	10.0 watts (max with no PD device connected)
	340 watts (350W Power)
Temperature	Operation: 0℃ ~ 40℃ or 32℃ ~ 104℃
	Storage Temperature: -10℃ ~ 70℃ or 14℃ ~ 158℃
Humidity	Relative Humidity: 5% - 95%
Dimensions	430mm W x 256mm D x 66.4mm H
EMI	FCC Class B, CE Mark Class B
Safety	110VAC to 240VAC power supply UL listed.
RAM buffer	2.75Mb bytes per device
Filtering Address Table	4K entries per device
Packet Filtering Forwarding Rate	10Mbps Ethernet: 14,880/pps 100Mbps Ethernet: 148,800/pps 1000MBase-T Ethernet: 1,488,000/pps.
MAC address Learning	Automatic update
Transmission Method	Store – and – Forward

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ICR-PoE-24

Specifications

Standard	IEEE 802.3 10BASE-T Ethernet
	IEEE 802.3u 100BASE-TX Fast Ethernet
	IEEE 802.3x Full Duplex Flow Control
	IEEE 802.3af Power over Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet (twisted-pair copper)
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex)
	Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)
	Gigabit Ethernet: 2000Mbps (full duplex)
Network Cables	10Base-T: 2-pair UTP Cat 3, 4, 5 up to 100 meters.
	100Base-T : 2-pair UTP Cat 5, 5e up to 100 meters.
	1000Base-T: 4-pair UTP Cat5e 6, up to 100meters.
	50/62.5um LC signal model or Multi model fiber cable.
Number of Ports	24 x 10/100Mbps auto-MDIX RJ-45 ports with 24 PoE enabled ports.
PoE power on RJ-45	Power +: pin 3 & pin 6 : Power –" pin 1 & pin 2
Power Supply	Input: 100V ~ 240VAC, 50Hz ~ 60Hz. Output: 48VDC 7.3A(350W)

Power Consumption	15.0 watts (max with no PD device connected)
	335 watts (350W Power)
Temperature	Operation: 0℃ ~ 40℃ or 32℉ ~ 104 ℉
	Storage Temperature: -10℃ ~ 70℃ or 14℉ ~ 158 ℉
Humidity	Relative Humidity: 5% - 95%
Dimensions	430mm W x 256mm D x 66.4mm H
EMI	FCC Class B, CE Mark Class B
Safety	110VAC to 240VAC power supply UL listed.
RAM buffer	2.75Mb bytes per device
Filtering Address Table	4K entries per device
Packet Filtering Forwarding Rate	10Mbps Ethernet: 14,880/pps 100Mbps Ethernet: 148,800/pps 1000MBase-T Ethernet: 1,488,000/pps.
MAC address Learning	Automatic update
Transmission Method	Store – and – Forward

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