

20 Port Gigabit Extended Range PoE Switch

16 Port PoE with 4 Port Uplink



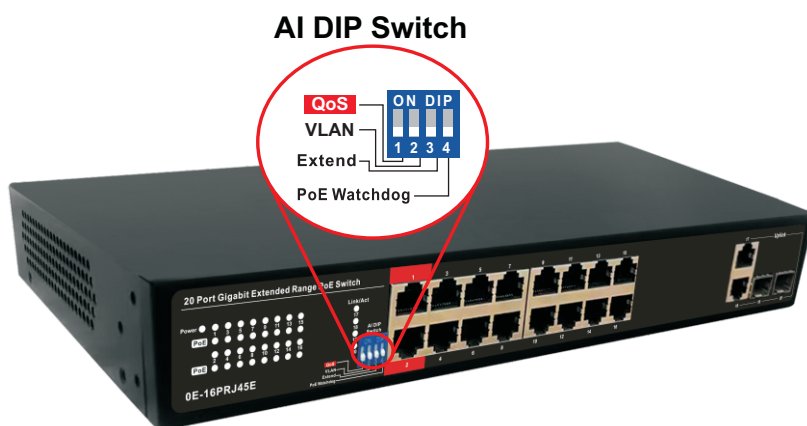
0E-16PRJ45E

PRODUCT DESCRIPTION

The 20 Port Gigabit Extended Range PoE Switch is fully integrated to support security monitoring, providing high-performance packet forwarding and gigabit Ethernet transfer rates. Adaptive ports use the appropriate bandwidth to ensure clear images and smooth transmission for any application, including high definition video recording or streaming. The AI DIP switch enables PoE Watchdog, QoS, Extend and VLAN to further increase performance and security.

FEATURES

- **20 adaptive gigabit Ethernet ports:**
 - 16 x PoE ports (RJ45)
 - 4 x Uplink ports (2 x RJ45 + 2 x SFP)
- **AI DIP switch with 4 modes:**
PoE Watchdog, QoS, Extend and VLAN
- Quick setup, with plug and play
- 40 Gbps switching capacity
- 250W PoE budget
- Port status LED indicator
- Internal power supply
- 6kV surge protection
- 13" and 19" rack mountable
- Standard: 802.3/802.3u/802.3ab/802.3af/at compliant
- Limited Lifetime Warranty



SPECIFICATIONS

PART #	0E-16PRJ45E
UPC	840049311107
INPUT POWER	100-240 VAC
TRANSMISSION DISTANCE	328 ft. (100m)*
MAC ADDRESS TABLE	8K
SWITCHING CAPACITY	40 Gbps
DIMENSIONS (L x W x H)	12.6" x 8.2" x 1.7" (320 x 207 x 44mm)
WEIGHT	6.2 lbs. (2.8kg)

*SFP transmission distance varies based on module used with device



Commutateur PoE à portée étendue à 20 ports Gigabit

16 ports PoE avec 4 ports Uplink

0E-16PRJ45E

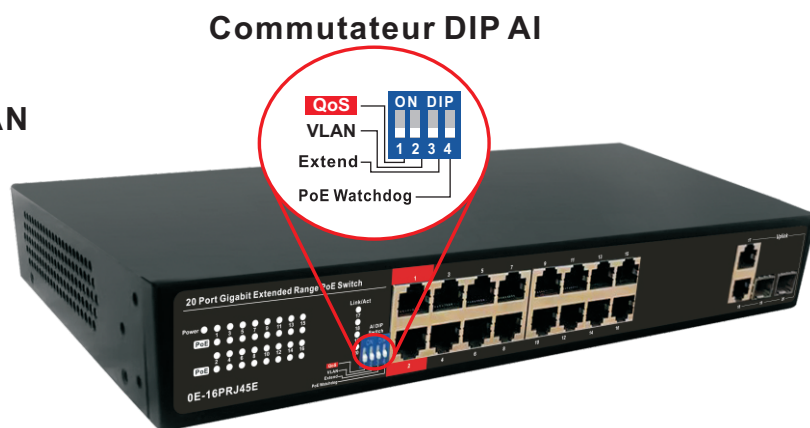
UltraTech
POWER PRODUCTS

DESCRIPTION DU PRODUIT

Le commutateur PoE Gigabit à 20 ports à portée étendue permet une surveillance de la sécurité intégrée. Il offre une transmission de paquets à haute performance et une vitesse de transfert Gigabit rapide. Les ports actifs utilisent la bande passante appropriée pour des images limpides et une transmission efficace, peu importe l'application, y compris l'enregistrement et la diffusion vidéo haute définition. Le commutateur DIP AI permet les modes PoE Watchdog, QoS, prolongation et VLAN afin d'améliorer davantage la performance et la sécurité.

CARACTÉRISTIQUES

- **20 ports Ethernet Gigabit adaptatifs :**
 - 16 ports PoE (RJ45)
 - 4 ports Uplink (2 RJ45 + 2 SFP)
- **Commutateur DIP AI doté de 4 modes :**
PoE Watchdog, QoS, Prolongation et VLAN
- **Configuration rapide, prêt à l'emploi**
- **Capacité de commutation de 40 Go/s**
- **Puissance PoE totale de 250 W**
- **Indicateur à DEL d'état des ports**
- **Bloc d'alimentation interne**
- **Parasurtenseur à 6 kV**
- **Installation sur baie de 13 et 19 po**
- **Normes : Conformité 802.3/802.3u/802.3ab/802.3af/802.3at**
- **Garantie à vie limitée**



SPÉCIFICATIONS

NO DE PIÈCE	0E-16PRJ45E
CUP	840049311107
PUISSANCE D'ENTRÉE	100 à 240 VCA
DISTANCE DE TRANSMISSION	328 pi (100 m)*
TABLE D'ADRESSES MAC	8K
CAPACITÉ DE COMMUTATION	40 Go/s
DIMENSIONS (L x I x H)	12,6 x 8,2 x 1,7 po (320 x 207 x 44 mm)
POIDS	6,2 lb (2,8 kg)

*La distance de transmission SFP varie en fonction du module utilisé avec l'appareil



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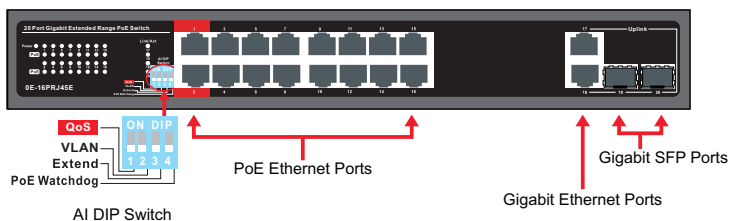
16 Port PoE with 4 Port Uplink

ADDITIONAL SPECIFICATIONS

POWER	Power Supply		Built-in Power Supply
	Input Voltage		100-240 VAC
	Output Voltage		52 VDC
	PoE Power Budget		250W for PoE
ETHERNET	Speed		Ports 1 to 18: 10/100/1000 Mbps Ports 19 to 20: Gigabit SFP
	Transmission Distance		RJ45: 328 ft. (100m) SFP: Transmission distance varies with type of SFP module used. (Module not included.)
NETWORK SWITCH	Ethernet Standard		IEEE 802.3/802.3u/802.3ab/802.3af/at
	Switching Capacity		40 Gbps
	Transfer Rate		14,880 pps for 10 Mbps 148,800 pps for 100 Mbps 1,488,000 pps for 1000 Mbps
	MAC Address Table		8K MAC
LINK/ACT INDICATOR	On	Green	Port connecting
	Blinks	-	Port receiving or transmitting data
	Off	-	Port is not successfully linked to device
SPECIAL FEATURES	PoE Watchdog		PoE Watchdog monitors the connection between the PoE port and IP camera or other powered device. If no data transmission is detected for 2-3 minutes, PoE Watchdog reboots the affected port.
	QoS		In the event of a broadcast storm, QoS (Quality of Service) prioritizes data transmission for ports 1 and 2, allowing these ports to maintain consistent operation.
	Extend		Downlink port speeds slow to 10 Mbps, enabling a transmission distance of up to 820 feet (250 meters).
	VLAN		VLAN isolates traffic for downlink ports to avoid snooping/tampering. In this mode, downlink ports will not communicate with each other and will only communicate with uplink ports.
PoE	On	Green	PD is connected
	Off	-	No PD is connected or power forwarding failed
	PoE Pin Assignment		V+ (RJ45 Pin 1,2), V- (RJ45 Pin 3, 6)
WORKING ENVIRONMENT	INDOOR USE ONLY		
	Working Temperature		0 ~ 40°C (32 ~ 104°F)
	Storage Temperature		-40 ~ 70°C (-40 ~ 158°F)
	Humidity Non-Condensing		0 ~ 85%
MECHANICAL	Dimensions (L x W x H)		12.6" x 8.2" x 1.7" (320 x 207 x 44mm)
	Color		Black

PHYSICAL INTERFACE

Front



Back

