

# 8 Port Fast Ethernet Extended Range PoE+ Switch

4 Port PoE with 4 Port Uplink

0E-8P4R45FE

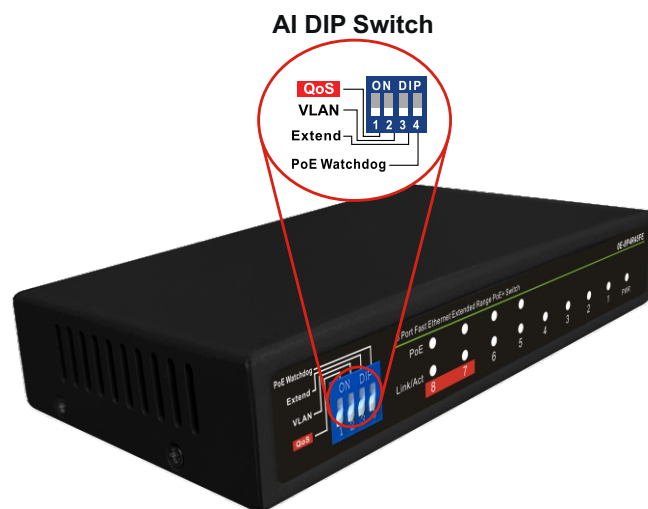
**UltraTech**  
POWER PRODUCTS

## PRODUCT DESCRIPTION

The 8 Port Fast Ethernet Extended Range PoE Switch is fully integrated to support security monitoring, providing fast packet forwarding capability and fast Ethernet transfer rates by utilizing the appropriate bandwidth to ensure clear images/smooth transmission and enough bandwidth for high-definition video. The AI DIP switch enables PoE Watchdog, QoS, Extend and VLAN modes to further increase performance and security.

## FEATURES

- **8 adaptive fast Ethernet ports:**
  - 4 x PoE+ ports (RJ45)
  - 4 x Uplink port (RJ45)
- **AI DIP switch with 4 modes:**  
PoE Watchdog, QoS, Extend and VLAN
- **Quick setup, with plug and play**
- **1.6 Gbps switching capacity**
- **62W PoE budget**
- **30W maximum power per port**
- **Port status LED indicator**
- **Power adapter included**
- **Energy efficient**
- **Standard: 802.3/802.3u/802.3ab/802.3af/at compliant**
- **Limited Lifetime Warranty**



## SPECIFICATIONS

|                           |                                         |
|---------------------------|-----------------------------------------|
| PART #                    | 0E-8P4R45FE                             |
| UPC                       | 840049313484                            |
| INPUT POWER               | 100-240 VAC                             |
| TRANSMISSION DISTANCE     | 328 ft. (100m)                          |
| MAC ADDRESS TABLE         | 2K                                      |
| SWITCHING CAPACITY        | 1.6 Gbps                                |
| DIMENSIONS<br>(L x W x H) | 5.43" x 3.11" x 1"<br>(138 x 79 x 25mm) |
| WEIGHT                    | 1.54 lbs. (0.7kg)                       |



# Commutateur PoE+ à portée étendue Fast Ethernet à 8 ports

4 ports PoE avec 4 ports Uplink

0E-8P4R45FE

**UltraTech**  
POWER PRODUCTS

## DESCRIPTION DU PRODUIT

Le commutateur PoE à 8 ports Fast Ethernet permet une surveillance de la sécurité intégrée. Il offre une transmission de paquets à haute performance et une vitesse de transfert Fast Ethernet 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

- **8 ports Ethernet Fast adaptatifs**
  - 4 ports PoE+ (RJ45)
  - 4 port Uplink (RJ45)
- **Commutateur DIP AI doté de 4 modes :**  
PoE Watchdog, QoS, Prolongation et VLAN
- **Configuration rapide, prêt à l'emploi**
- **Capacité de commutation de 1.6 Go/s**
- **Puissance PoE totale de 62 W**
- **Puissance maximale de 30 W par port**
- **Indicateur à DEL d'état des ports**
- **Adaptateur inclus**
- **Efficacité énergétique**
- **Normes : Conformité 802.3/802.3u/802.3ab/802.3af/802.3at**
- **Garantie à vie limitée**

Commutateur DIP AI



## SPÉCIFICATIONS

|                           |                                          |
|---------------------------|------------------------------------------|
| NO DE PIÈCE               | 0E-8P4R45FE                              |
| CUP                       | 840049313484                             |
| PUISSANCE D'ENTRÉE        | 100 à 240 VCA                            |
| DISTANCE DE TRANSMISSION  | 328 pi (100 m)                           |
| TABLE D'ADRESSES MAC      | 2K                                       |
| CAPACITÉ DE COMMUTATION   | 1.6 Go/s                                 |
| DIMENSIONS<br>(L x l x H) | 5,43 x 3,11 x 1 po<br>(138 x 79 x 25 mm) |
| POIDS                     | 1,54 lb (0,7 kg)                         |



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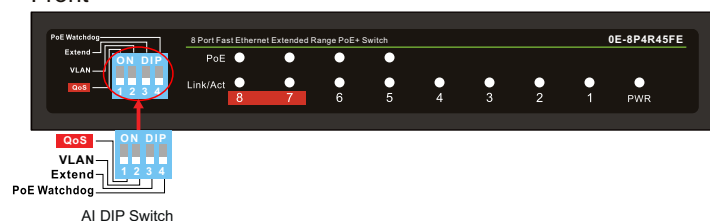


## ADDITIONAL SPECIFICATIONS

|                    |                         |       |                                                                                                                                                                                               |
|--------------------|-------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POWER              | Power Supply            |       | External Power Supply                                                                                                                                                                         |
|                    | Output Voltage          |       | 52 VDC                                                                                                                                                                                        |
|                    | PoE Power Budget        |       | 62W total                                                                                                                                                                                     |
|                    | Maximum Power           |       | 30W per port                                                                                                                                                                                  |
| ETHERNET           | Speed                   |       | Ports 1 to 8: 10/100 Mbps                                                                                                                                                                     |
|                    | Transmission Distance   |       | Rj45: 328 ft. (100m)                                                                                                                                                                          |
| NETWORK SWITCH     | Ethernet Standard       |       | IEEE 802.3/802.3u/802.3af/802.3at                                                                                                                                                             |
|                    | Switching Capacity      |       | 1.6 Gbps                                                                                                                                                                                      |
|                    | Transfer Rate           |       | 14,880 pps for 10 Mbps<br>148,800 pps for 100 Mbps                                                                                                                                            |
|                    | MAC Address Table       |       | 2K 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 7 and 8, 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 INDICATOR      | On                      | Green | Power device is connected                                                                                                                                                                     |
|                    | Off                     | -     | No PD is connected or power forwarding failed                                                                                                                                                 |
|                    | PoE Pin Assignment      |       | V+ (RJ45 Pin 1,2), V- (RJ45 Pin 3, 6)                                                                                                                                                         |
| ENVIRONMENT        | <b>INDOOR USE ONLY</b>  |       |                                                                                                                                                                                               |
|                    | 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)  |       | 5.43" x 3.11" x 1" (138 x 79 x 25mm)                                                                                                                                                          |
|                    | Color                   |       | Black                                                                                                                                                                                         |

## PHYSICAL INTERFACE

Front



Back

