

# Accessories

## Power over Ethernet

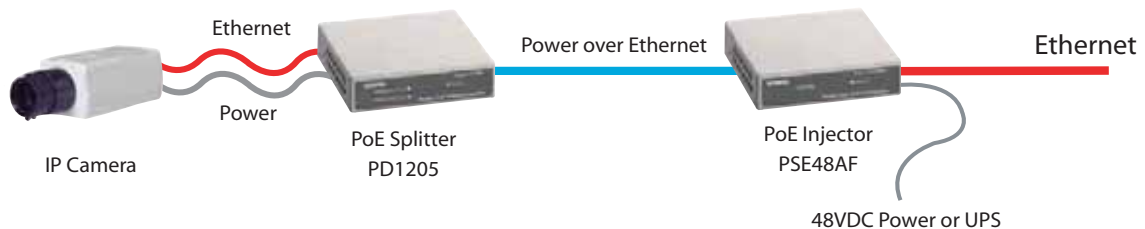
### PSE48AF IEEE802.3af Power over Ethernet Injector

- IEEE802.3af power source equipment (PSE)
- Mix Ethernet and power into standard Ethernet cable
- Supplies power to PD device up to 15.4 watts
- Auto-Sensing algorithm to automatically determine and supply power only to devices that can accept 802.3af power over the Ethernet connection
- High Safety with short circuit protection
- Wide Range AC input
- Auto disconnection for over voltage or under voltage
- Support power detection and classification



### PD1205 IEEE802.3af Power over Ethernet Splitter

- IEEE802.3af powered device (PD)
- Split power and data from Ethernet lines for non PoE compliance devices
- Supply up to 11W at 5 V DC or 12W at 12V DC
- High Safety with short Circuit Protection
- Auto disconnection for over voltage , under voltage
- Support power detection and classification



Korenix PSE48AF PoE Injector and PD1205 Splitter transfer both data and electrical power to Ethernet-enabled devices using a standard Ethernet CAT5 cable. Korenix PSE48AF PoE Injector plays the role of Power Source Equipment (PSE) and “injects” power through Ethernet connection to Powered Device (PD). Korenix PD1205 PoE Splitter plays the role of PD (Powered Device) and “splits” power from PoE to Ethernet devices. With Power over Ethernet technology,

there is no need to place an Ethernet-enabled device, such as a wireless access point, IP camera, near a power outlet. Korenix PoE Injector and Splitter are simple to install, requiring no tools and no software. Its compact size makes POE implementation easy. Both power and data can be transmitted up to 328 feet (100m) using standard Ethernet cabling with virtually no reduction in data throughput.

## Specifications

### Standard

IEEE 802.3 10BASE-T  
IEEE 802.3u 100BASE-TX  
IEEE802.3af Power Over Ethernet

### Network Media

#### 10BASE-T Ethernet:

UTP Cat. 3,4,5, Unshielded Twisted Pair (UTP) Cable

#### 100BASE-TX Fast Ethernet:

UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable

### Number of Ports

#### PSE48AF:

One Ethernet IN port (Data only) and one PoE OUT port(Data+Power)

#### PD1205:

One PoE IN port (Data+Power) and one Ethernet OUT port(Data only)

### Power

**PSE48AF:** DC Input 48V/0.5A

**PD1205:** DC output 5V/2.2A or 12V/1A

### Power Consumption

**PSE48AF:** 24 watts. (max.)

**PD1205:** 15.4 watts. (max.)

### Indicators

48V Power (Green), 5V Power (Green), 12V Power (Amber)

### Dimensions (W x H x D)

87 x 85 x 24 mm

### Temperature

**Operating:** 0 to 50°C (32 to 122°F)

**Storage:** -10 to 70°C (14 to 158°F)

### Humidity

**Operating:** 10% to 90% RH

**Storage:** 5% to 90% RH

### EMI

FCC Class B, CE mark Class B, VCCI-B

### Safety

cUL (UL 60950), CB (IEC 60950)

## Ordering Information

**POE PSE48AF 802.3af Power Over Ethernet Injector with 48VDC/15.4W output**

**POE PD1205 802.3af Power Over Ethernet Splitter with 5VDC/11W or 12VDC/12W output**