

KITPOEOUTDOOR

Outdoor PoE Injector

The KITPOEOUTDOOR is a rugged, outdoor-rated PoE injector designed for demanding installations and harsh environments. It is housed in a durable, waterproof aluminum enclosure, ensuring reliable performance in extreme outdoor conditions.

This injector delivers up to 55 VDC at 1.1 A (max) to remote powered devices (PDs) over all four pairs, with integrated surge protection of 6 kV (10/700 μ s). It supports data transmission speeds of 10/100/1000 Mbps and is fully compatible with IEEE 802.3af, 802.3at, and PoE++ standards. It is ideal for powering devices such as TEKTELIC gateways and other Ethernet-enabled equipment.

The unit accepts a wide AC input voltage range of 100–240 VAC and operates reliably at full load in temperatures from -40°C to +65°C. An integrated detection chip automatically identifies and classifies connected devices before supplying power, ensuring that only standard-compliant equipment is energized.



The system supports a maximum transmission distance of up to 100 meters over Cat5e or Cat6 cables.

Designed for fast and convenient deployment, the KITPOEOUTDOOR includes a mounting kit for easy pole or wall installation, with no need to open the enclosure during setup. AC power is connected directly to the unit using the supplied interconnect features. Depending on local electrical codes, installation by a certified electrician may be required.

Product Profile

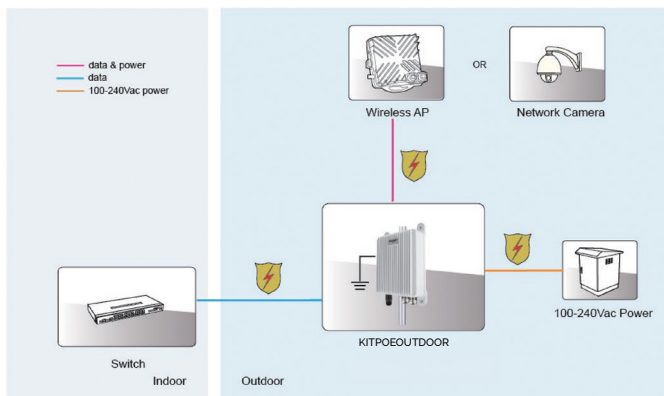


1. Earth
3. AC Input Port
4. LAN Data Input P



5. Data&Power Output Port
- 2,6,7,8. Install Hole

Product Working Diagram



Specification

Standard	Mechanical Characteristics
IEEE802.3 10Base-T Ethernet	Case: Aluminum Alloy
IEEE802.3u 100Base-Tx Fast Ethernet	Color: White
IEEE802.3ab 1000Base-T Gigabit Ethernet	Mounting: Pole-mounted
Full compliant with IEEE802.3af/at/PoE++	IP Rated: IP67
RoHS Compliance	Size: 176mm X 269mm X 65mm
WEEE Compliance	Weight: 1.8kg
WEEE Compliance	Safety Approvals
Input & Output	ULCE
Input :100-240Vac 2.0A 50/60Hz	EMI
Output: 55Vdc 1100mA	FCC CFR47 Part 15, EN55032, EN55035
Power Pins: 4/5(+), 7/8(-) and 3/6(+),1/2(-)	EMS
Data Speed: 10/100/1000Mbps	IEC61000-4-2(ESD) ± 4kV(contact), ±8kV(air)
Working Environment	IEC61000-4-3(RS) 3V/m(80MHz-1000MHz)
Operating Temperature: -40 to 65	IEC61000-4-4(EFT) Power Port: ±1kV; Data Port:±0.5kV
Operating Humidity: 20% to 90%, non-condensation	IEC61000-4-5(Surge) Line to Line:±1kV, Line to Earth:±2kV
Storage Temperature: -40 to 85	IEC61000-4-6(CS) 3V(0.15MHz-10MHz)
Storage Humidity: 10% to 95%, non-condensation	Immunity
Operating Altitude: up to 5000meters	IEC60068-2-6(Vibration)
AC Surge Protection	IEC60068-2-27(Impact)
Line-Earth 1.2/50us (8/20us): 6KV	IEC60068-2-32(Free Fall)
Line-Line 1.2/50us (8/20us): 4KV	
PoE Surge Protection	
Protected line: 1,2,3,4,5,6,7,8	
Common mode surge protection(10/700us): 6KV	
Differential mode surge protection (10/700us): 15KV	

