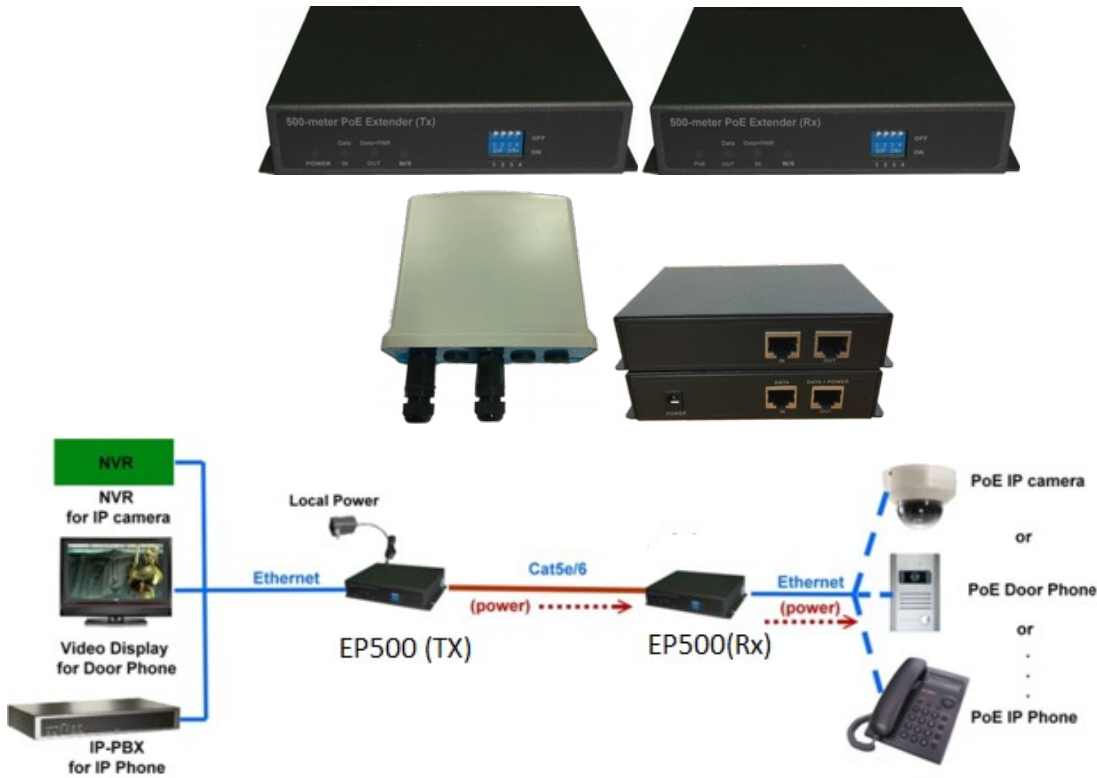


EP500 Kit

500m LAN Extender with 15w power out



EP500 provides with remote PoE capability over Ethernet at a distance up to 1,500ft (500 meters) over Cat5e/6 connection with PoE power output of 15w for PoE-enabled IP cam or wifi access point, etc.

EP500 works in pair with one master and one slave (client) units. In addition, it is compliant to Safety-Extra-Low-Voltage (SELV) standard.

EP500 Pair consist of Master and Slave units.

Master	Type	Input Power by	Transmit Data/PoE
EP500-Master	Compact Metal Box	Local power	Cat5e/6

Slave (Client)	Type	Input Power by	Output via Cat.5 cable
EP500-Slave	Compact Module	Cat5e/6	Mid-span PoE

*Metal box can be wall mounted

Features:

- Remote Line Power over Ethernet Cable
- 6KV Surge Protection
- Maximum 1,000 ft distance of 10/100Mbps or
- Maximum 1,500 ft distance for 15Watt power output
- Auto MDIX for 10/100 BaseT Ethernet LAN Ports
- Low-Latency for Remote IP-CAM Applications

Technical Specifications:

LAN Interface:

- Auto-Detection for 10/100 BaseT and Half/Full duplex
- Fully compatible with IEEE802.3/IEEE802.3u
- Automatic MDIX Function
- Connector: RJ45

Line Interface:

- Line Rate: 100/100 ~ 10/10Mbps (full duplex)
- Safety Extra Low Voltage (SELV) Compliant (< 60VDC)
- Connector: RJ45

Remote PSE:

- IEEE 802.3at/af Compliant with output voltage within 44 – 57VDC
- Power Auto Restart with Under Voltage Lockout (UVLO) Fault Detection
- Maximum output power 15 Watts depending on line condition and distance
- IP-65 ODU optional

LED Indicators:

POWER: Power is ON

LINE: Line Connection Status

LAN: Data Activity of LAN Port

Physical Dimension:

EP500-Master/Slave: 120 x 90 x 28 (mm)

Operating Environment:

- Humidity: 5% to 95% non-condensing
 - Temperature: 0 ~ 40 degree C
- (Optional for wide working temp model)

Regulatory Compliance:

- FCC Rules Part 15
- CE

Performance Table:

