

XE22-110-TX-V2



Outdoor 1-Port EPoC TX Adapter with 802.3af/at/bt PoE++ Output

The XE22-110-TX-V2, an outdoor 1-to-1 EPoC (Ethernet & Power over Coax) transmitter(TX) adapter equipped with 1 BNC port & 1 RJ-45 PoE port, is designed to connect a remote PoE IP camera over single coax without requiring extra power supply. This cutting-edge model delivers data and power at long range up to 1,200m for a PoE IP camera. Besides long-range PoE solution, XE22-110-TX-V2 is often used to upgrade legacy of CCTV to PoE IP surveillance without changing existing coaxial cable infrastructure.

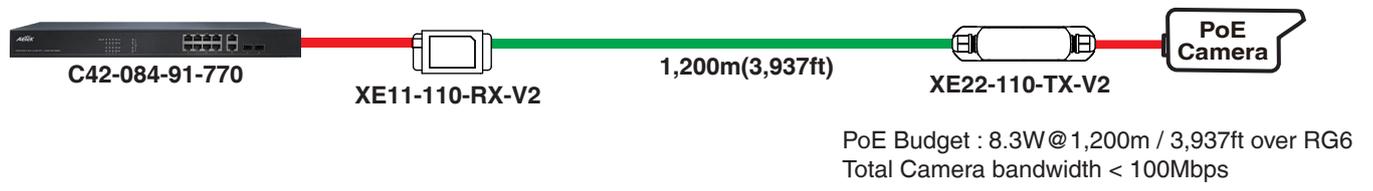
Outdoor model supports built-in 6KV EPoC surge protection, IP67 rated, IK10 vandal proof, and operates under harsh weather conditions between -30°C ~ 60°C (-22°F ~ 140°F).

Features

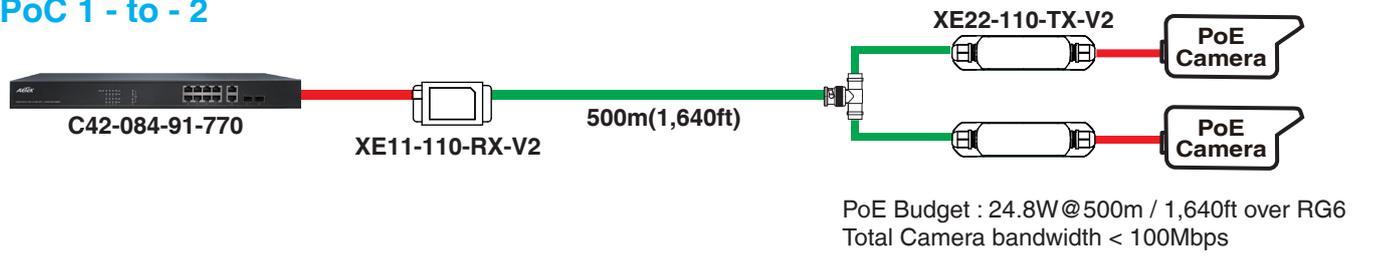
- One BNC coax port & one PoE LAN port
- IP67 rated, IK10 vandal proof
- Built-in 6KV EPoC surge protection
- Without requiring extra power adapter beside remote PoE IP camera
- Voltage Booster
- Delivers up to 9.7 watts@1200m(3,937ft) for a PoE IP camera
- PoE Output On/Off control
- Re-uses existing coax for a PoE IP camera
- Support IEEE 802.3 bt/at/af PoE Output
- Output Voltage Booster

Applications

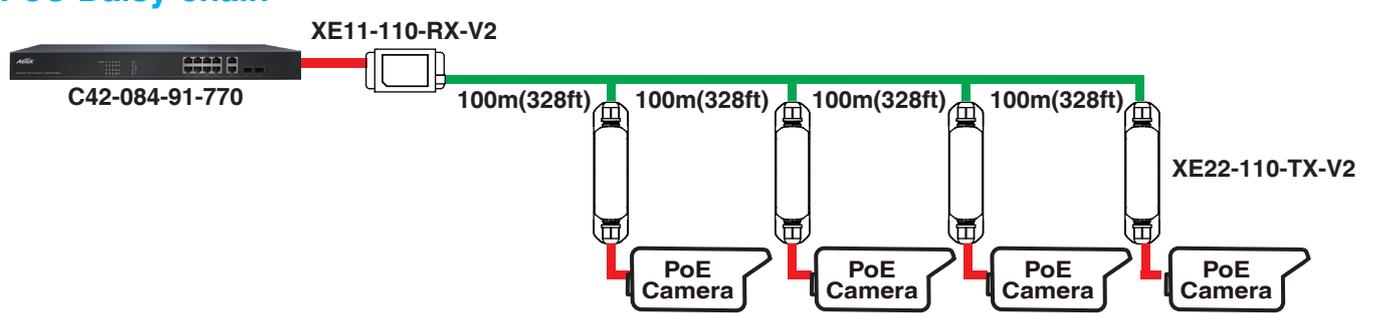
EPoC 1 - to - 1



EPoC 1 - to - 2



EPoC Daisy-chain

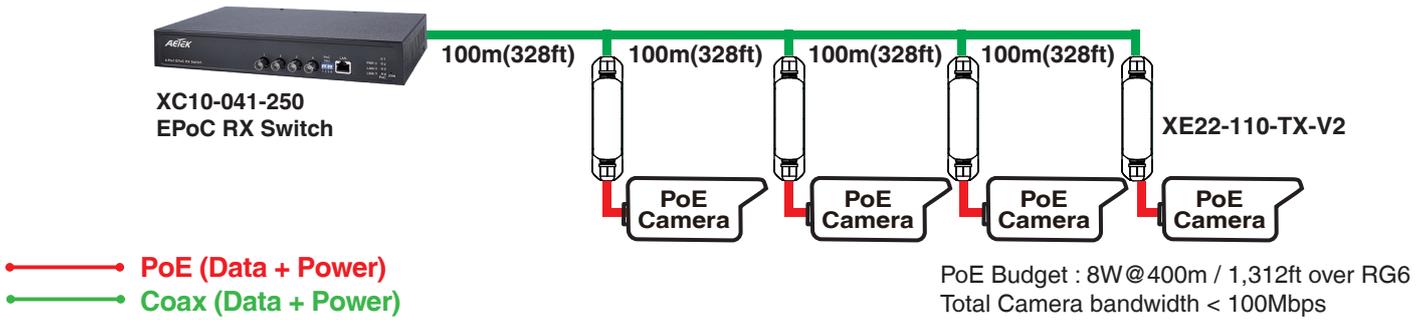


— PoE (Data + Power)
— Coax (Data + Power)

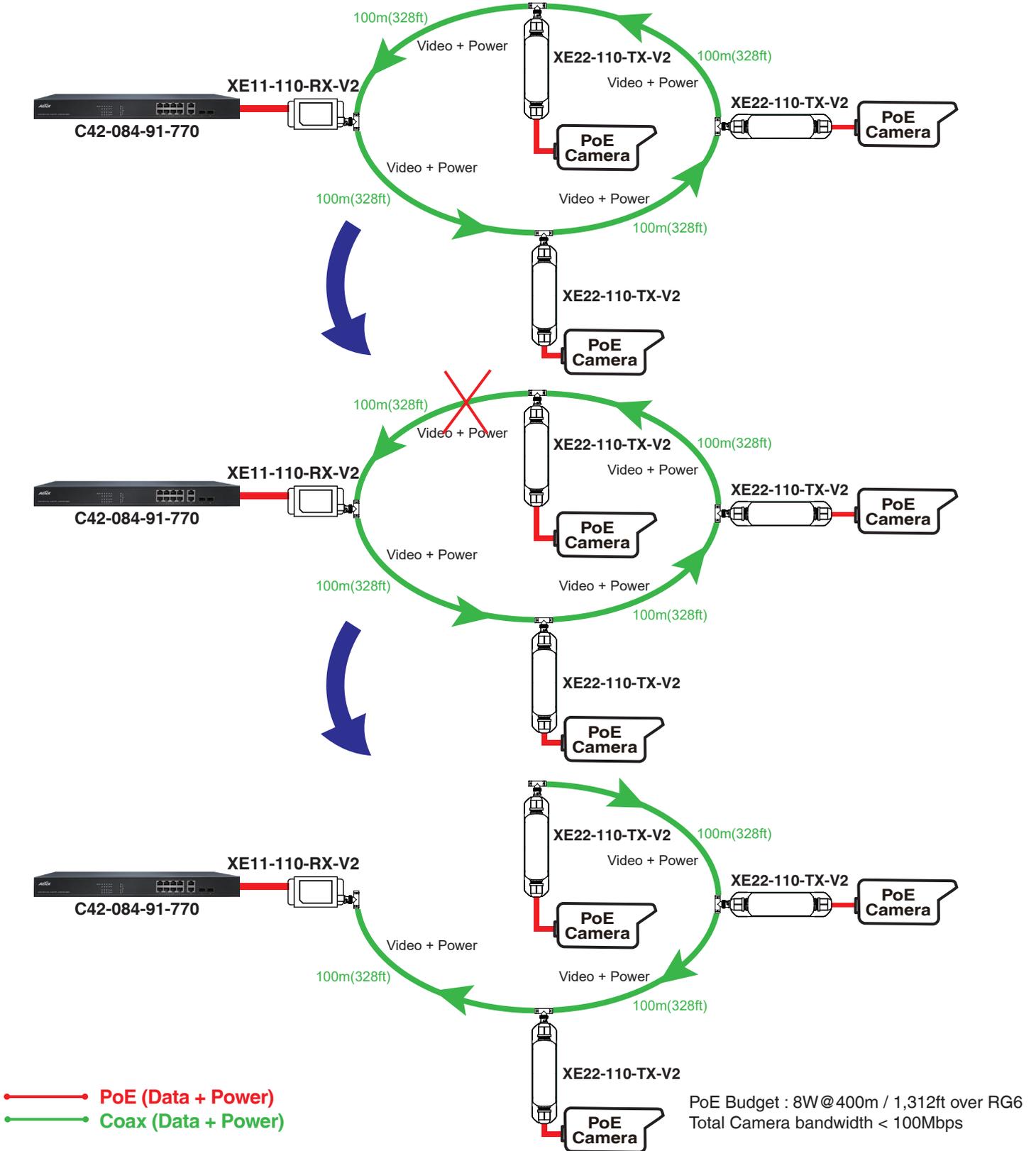
PoE Budget : 8W@400m / 1,312ft over RG6
Total Camera bandwidth < 100Mbps

Applications

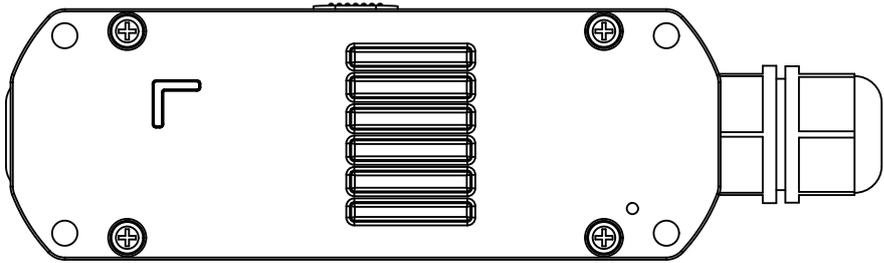
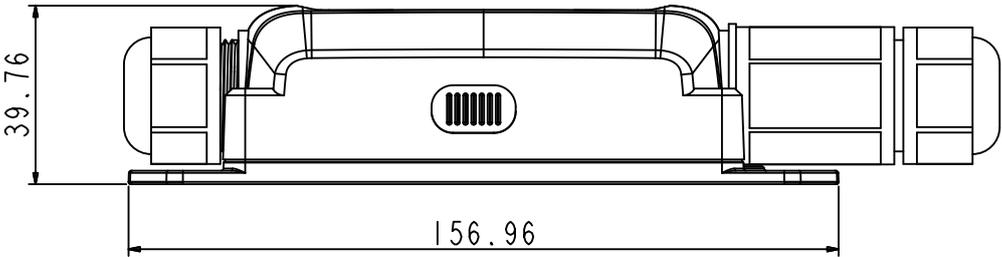
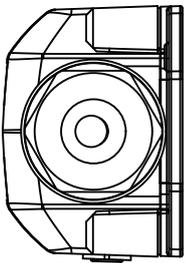
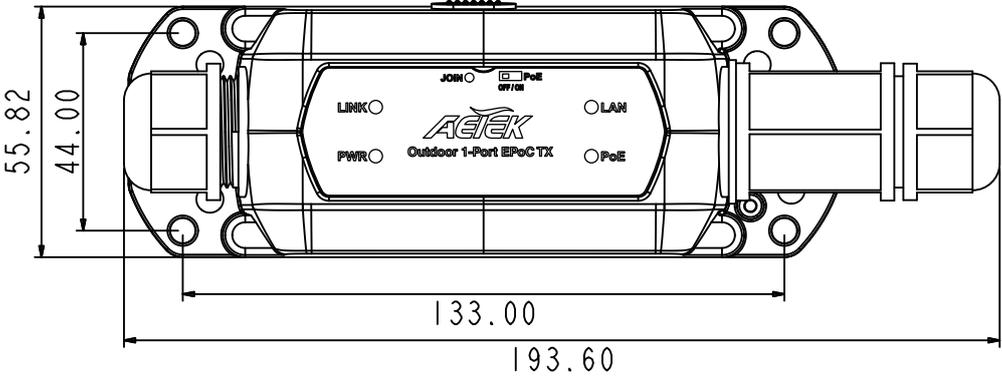
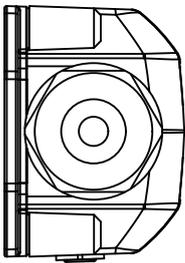
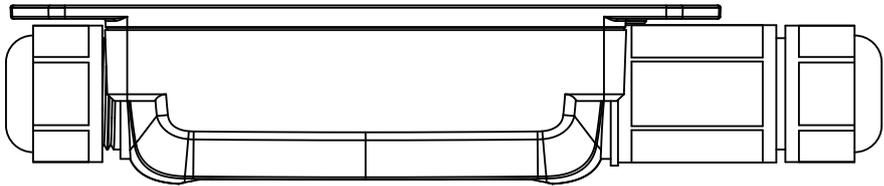
EPoC Daisy-chain



EPoC Power & Video Failover



Dimension



Specifications

Power / Distance Chart

Interface / Distance

EPoC Ports	75 ohm BNC x1
10/100 Mbps Ethernet	PoE PSE RJ45 x1
Transmission mode	Transmitter TX mode
MAX.(Power+Data) Distance	100Mbps, 9.7W@1,200m(3,937ft) 100Mbps@2,400m(7,874ft) Data only Cable reference: RG6 Coax
Cable Type	75 ohm RG59/RG6/RG11 Coax
Data Rate	Coaxial cable: Up to 100 Mbps asymmetrical to full range Ethernet cable: 100 Base-TX full duplex

Power

Power Input	PoE over Coax
PoE Output	IEEE 802.3bt PoE++ PSE IEEE 802.3at PoE+ PSE IEEE 802.3af PoE PSE Voltage Booster
Unit Power Consumption	3W
EPoC Surge Protection	6KV

Mechanical

Dimensions (W x D x H)	193.6 x 55.8 x 39.76 mm (7.62x2.2x1.56")
Weight	0.3 kg (0.66 lb)
Connectors	M25 x1 (BNC), M25 x1 (RJ45), PoE On/Off Switch x1
Mounting Type	Wall mount
Casing	Aluminum
DIP Switch	PoE On/Off switch
Join Button	1~3 sec.: Link RX and TX 5~8 sec.: Disconnect RX and TX 10~15 sec.: Reset to default

Environmental

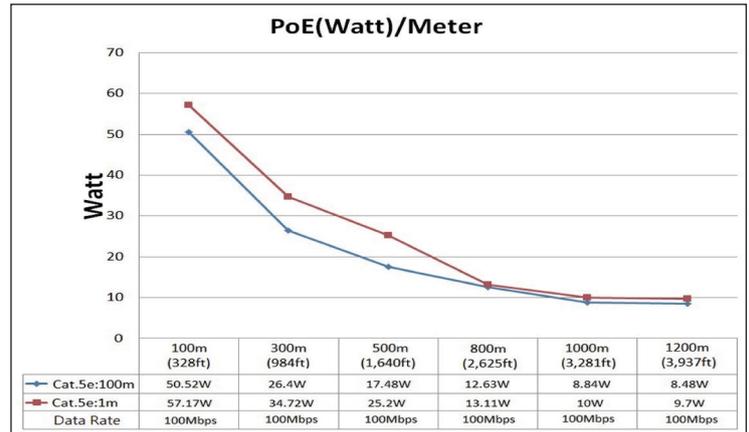
IP Rating	IP67
IK Rating	IK10
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Relative Humidity	5% ~ 95% non-condensing

Certifications

EMC	CE, FCC, VCCI, C-Tick
Safety	EN62368-1

LEDs

POE	PoE status
LAN	Ethernet status
PWR	Power status
LINK	EPoC RX and TX connection status



Related Products

EPoC RX Switch



XC10-041-250

- Four BNC coax ports & one Gigabit LAN port
- 6KV Surge Protection for coax port
- 250W Power Supply, 100~240VAC input

EPoC (RX)



XE11-110-RX-V2

- One BNC coax port & one 10/100Mbps PoE PD port
- Support IEEE 802.3 bt/at/af PoE or 48-56VDC Input

Accessories



- Outdoor BNC-YC Y-Type BNC cable