

Gigabit PoE Extenders

- NR-P101E-TQ** 1-Input to 1-Output, Weatherproof
- NR-P102E-TQ** 1-Input to 1-Output
- NR-P401E-TQ** 1-Input to 4-Output

The ENFORCER Gigabit PoE Extender connects PoE cameras, IP access control, IP speakers/intercoms, IP telephony, or other PoE devices using a single Cat5e or Cat6 cable to extend its data and power range by an additional 328ft (100m) or up to 984ft (300m) with 2 extenders*. The NR-P401E-TQ supports up to 4 PoE devices.

Features

- Extends the range of PoE devices an additional 328ft (100m) with Cat5e cables or higher
- Maximum extended range of up to 984ft (300m) using two extenders
- Connects 10/100/1000BASE-T PoE devices including IP cameras, IP access control, VOIP, IP speakers/intercoms, etc.
- Supports up to gigabit transmission rates
- Passive operation – no external power required and easy plug-and-play installation
- Automatically detects PoE equipment and protects from damage due to faulty installation
- Surge protection for both data and power ports

NR-P101E-TQ

- IP66 Weatherproof with weather-resistant UTP cable

NR-P401E-TQ

- 4 Output ports for up to 4 PoE devices



NR-P101E-TQ

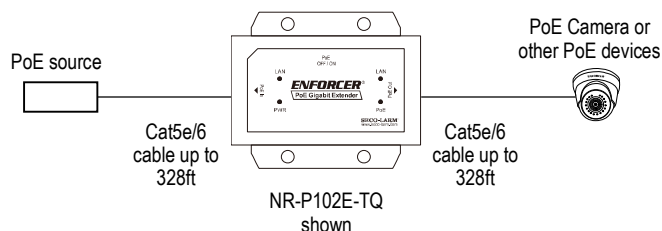


NR-P102E-TQ



NR-P401E-TQ

Sample Application



IEEE
802.3
af/at/bt

Plug &
Play

PoE

Extends
Up to
328ft

*NR-P401E-TQ transmission range cannot be extended with additional extenders.

Specifications

Model		NR-P101E-TQ	NR-P102E-TQ	NR-P401E-TQ	
Connections	PoE In	1x Weather-resistant RJ45	1x Shielded RJ45		
	PoE Out	1x Weather-resistant RJ45	1x Shielded RJ45	4x Shielded RJ45	
Power Input		Power Output			
Transmission range†	656ft (200m)	15W	11.1W	11.1W	4-port<11.1W
		30W	19W	19W	4-port<19W
		60W	N/A	40W	4-port<40W
		90W	N/A	48W	4-port<40W
	948ft (300m)	15W	6.8W	6.8W	N/A
		30W	15W	15W	N/A
		60W	N/A	30W	N/A
		90W	N/A	30W	N/A
Data link		Both pin 1/2, 3/6 and 4/5, 7/8			
Power link		Pin 1/2(+), 3/6(-) up to 25W	Pin 1/2 (-), 3/6 (+) and 4/5 (+), 7/8 (-), up to 85W	Pin 1/2(+), 3/6(-) up to 12W/4 PSE, 25W/2 PSE	
Network cables		Weather-resistant Cat5e or higher	Shielded Cat-5e or higher		
Ethernet speed		10/100/1000 Mbps half/full duplex			
PoE standard		IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt (4 pairs, 90W)	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt (4 pairs, 60W)	
LED Indicators	Power	None	Green = PoE power in	Yellow	
	PoE		Green = PoE switch on	Yellow	
	Data link		LAN x2 green (steady = link, flashing = transmit)	Green, steady	
	Data transmit			Green flashing	
IP Rating		IP66 (with weather-resistant UTP cable)	None‡		
Operating humidity		90% (maximum, non-condensing)			
Operating temperature		-13°~101° F (-25°~55° C)	14°~122° F (-10°~50° C)	14°~113° F (-10°~45° C)	
Dimensions		7¼"x1¾"x1¾" (185x45x45 mm)§	3⅞"x2⅞"x1⅞" (90x52x29 mm)	4⅞"x1⅞"x3⅞" (119x28x85 mm)	
Weight		8-oz (227g)	7.2-oz (204g)	8.8-oz (250g)	

†The maximum range depends on the actual operating conditions, PoE device power requirements, and the type of PoE device. Cat5e/6 Ethernet cables are recommended.

‡The NR-P102E-TQ and NR-P401E-TQ can be used outdoors with an IP66 sealed box and weather-resistant UTP cables.

§Including endcaps