Gigabit PoE Extenders

NR-P101E-TQ *1-Input to 1-Output, Weather-Resistant*
NR-P401E-TQ *1-Input to 4-Output*

The ENFORCER Gigabit PoE Extenders connects PoE cameras, IP access control, IP speakers/intercoms, IP telephony, or other PoE devices using a single Cat5e or Cat6 cable to extend data and power by an additional 328ft (100m), for a total range of up to 984ft (300m) with two extenders. The NR-P401E-TQ supports up to 4 PoE devices.
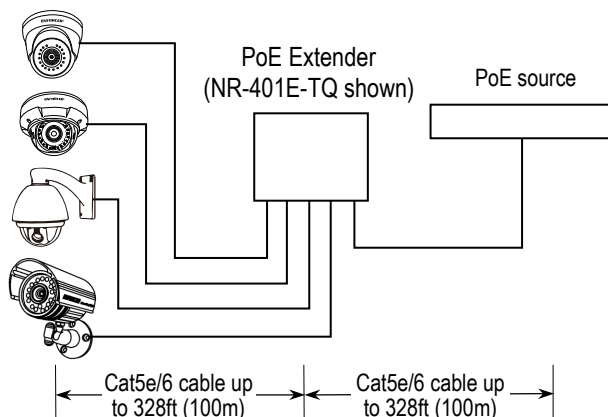
NR-P101E-TQ

NR-P401E-TQ

Features:

- Extends the range of PoE Ethernet devices over Cat5e or higher cables an additional 328ft (100m)
- Connects 10,100,1000BaseT 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
- Easy plug-and-play installation
- Compliant with IEEE802.3af, IEEE802.3at
- Automatically detects PoE equipment and protects from damage due to faulty installation

NR-P401E-TQ only:
- 4 Output ports for up to 4 PoE devices
- Also compliant with IEEE802.3bt 4 pairs

Sample CCTV Application:

PoE Cameras or other PoE devices

PoE Extender
(NR-401E-TQ shown)

PoE source

Cat5e/6 cable up to 328ft (100m)

Cat5e/6 cable up to 328ft (100m)

Specifications:

Model		NR-P101E-TQ	NR-P401E-TQ
Connections	PoE In	1x Weather-resistant RJ-45	1x Shielded RJ-45
	PoE Out	1x Weather-resistant RJ-45	4x Shielded RJ-45
PoE Power	Input	Up to 30W	Up to 60W
	Output	Up to 25W	Up to 55W (total for 4 ports)
Transmission range*	1 Extender	656ft (200m)	656ft (200m)
	2 Extenders	984ft (300m)	984ft (300m)
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(–) up to 12W for 4 PSE, 25W for 2 PSE
Network cables		Weather-resistant Cat-5e 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 (60W)
LED Indicators	Power link	None	Yellow
	Data link		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°~113° F (-10°~45° C)
Dimensions		7^1/$_4$"x1^3/$_4$"x1^3/$_4$" (185x45x45 mm)‡	4^{11}/$_{16}$"x1^1/$_8$"x3^3/$_8$" (119x28x85 mm)
Weight		8-oz (227g)	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-P401E-TQ can be used outdoors with an IP66 sealed box and weather-resistant UTP cables

‡Including endcaps

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