

## PoE Repeater

### NR-P101FQ

The **ENFORCER** NR-P101FQ PoE Repeater extends power and data an additional 394ft (120m) for a maximum range of up to 1,116ft (340m) when using two PoE Repeaters, thus eliminating the need for additional switches, hubs, and expensive fiber optic installations. The NR-P101FQ is compliant with standard PoE IEEE 802.3af. The NR-P101FQ is simple to install with no external power source required, and no set up configuration needed.



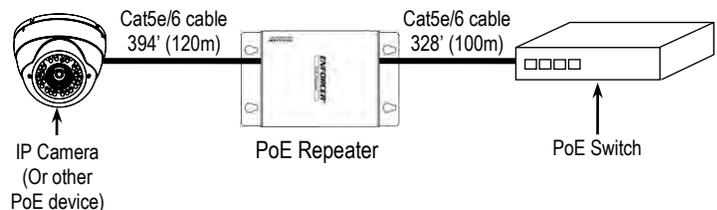
### Features:

- Extends power and data beyond the normal limit of 328ft (100m)
- Compliant with standard PoE IEEE 802.3af
- Installs on Cat5e/6 4-pair UTP cable with RJ45 jacks
- Supports 10/100/1000 BASE-T transmission rates
- Passive operation – no external power required
- Easy plug-and-play installation
- Auto-sensing for detecting PoE or non-PoE devices
- Built-in LED status indicators
- Sealed and fanless for increased reliability
- Compact, wall-mountable for convenience

### Specifications:

Model		NR-P101FQ	
Connector	In	RJ45	
	Out	RJ45	
Power consumption	Standby	1.1W (23mA)	
	@10Mbps	1.44W (30mA)	
	@100/1000 Mbps	1.92W (40mA)	
Transmission range	Single repeater	Up to 722ft (220m)*	
	Two repeaters	Up to 1,116ft (340m)*	
Max device power range with PoE switch	1 <sup>st</sup> PoE Repeater	8.58W@722ft (220m)	2 <sup>nd</sup> PoE Repeater 4.21W@1,116ft (340m)
	PoE	IEEE 802.3af Standard, 48V, 12.95W	
Data link	Pin 1/2, 3/6, 4/5, 7/8		
Power link	Pin 1/2 (+), 3/6 (-) end-span		
Material	Aluminum		
Operating temperature	32°~131° F (0°~55° C)		
Dimensions	2 <sup>5</sup> / <sub>8</sub> "x4 <sup>5</sup> / <sub>16</sub> "x1 <sup>1</sup> / <sub>16</sub> " (67x110x27 mm)		
Weight	6.4-oz (180g)		

### Sample Application:



### LED Function:

LED Indicators	Power (Green)	On	PSE send power
		Off	PSE no-power
Data Port (Yellow/Green)		Yellow ON	1000 Mbps link
		Yellow FLASHING	1000 Mbps Activity
		Green ON	10/100 Mbps link
		Green FLASHING	10/100 Mbps Activity
		Off	No Link
		Off	No Link