

30W PoE Injector

NJ-A301U-T6AQ

Installation Manual



ENFORCER 30W PoE Injector converts 100~240 VAC to low voltage DC and supplies power to IP cameras, IP access control, and other PoE devices using Cat5e or Cat6 cables. This allows you to supply power to IEEE 802.3af/at compliant network accessories without an external power supply and provides a compact, reliable, and affordable solution to your networking infrastructure.

- Supports up to 30W on 2-pairs
- LED indicates power supply input and PoE output
- Internal AC/DC converter
- Easy Plug-and-Play installation
- Connects 10,100,1000BaseT PoE devices
- Overcurrent, overload, overvoltage, and anti-interference protection
- Supports Cat5e network cables and higher
- Compliant with IEEE 802.3af/at standard

Parts List

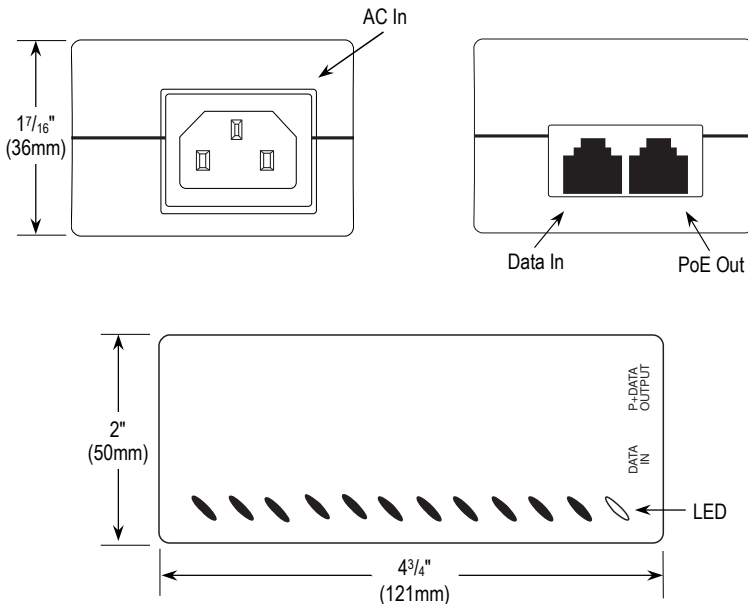
1x PoE Injector

1x Power Cord

1x Manual

Specifications

Operating voltage	100~240 VAC
Connections	1x Shielded RJ45
Data In	1x Shielded RJ45
PoE Out	1x Shielded RJ45
PoE Power output	Up to 52VDC, 30W
Power link	Pin 1/2 (-), 3/6 (+) up to 30W
Network cables	Cat5e or higher
Protection	Overcurrent, overload, overvoltage, anti-interference
Ethernet speed	10/100/1000 Mbps
LED Indicator	Green – power in, red – power out
Operating humidity	90% (Maximum, non-condensing)
Operating temperature	14°~104° F (-10°~40 C)
Dimensions	4 ³ / ₄ "x2"x1 ⁷ / ₁₆ " (121x50x36 mm)

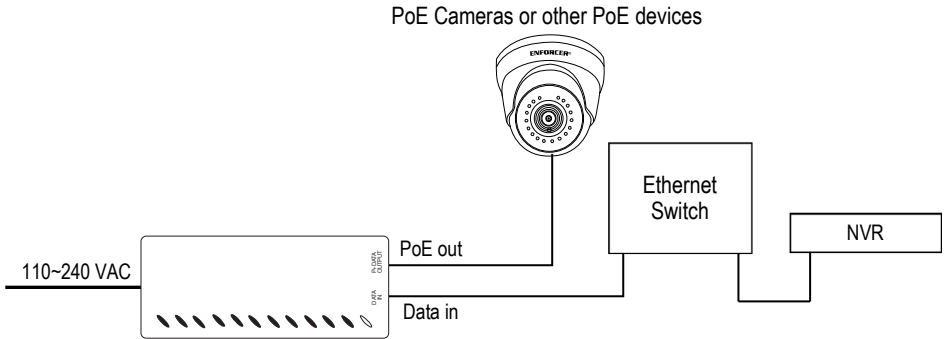
Overview**NOTES:**

- LED steady green indicates the PoE Injector has power.
- LED steady red indicates the device connected to the P+DATA port is powered.

Installation

1. Use a CAT5e/6 UTP cable to connect device to the PoE Injector's DATA IN port.
2. Connect the AC power cable to the PoE Injector and power source.
3. Connect the PoE OUT port to a PoE Device with CAT5e/6 UTP cable.

Sample Application



Troubleshooting

PoE device doesn't function properly

- Ensure that all devices are turned on
- Ensure that the PoE device is functioning by plugging it directly into the PoE switch, computer, etc.
- Double-check that the cables were connected properly
- Run a continuity test on all wires in the cable
- Equipment at both ends must be at the same link speed, 10BaseT with 10BaseT, 100BaseT with 100BaseT, etc.
- Replace with a higher-grade cable for better performance
- Ensure that the cable lengths are within the allowable range and consistent with the remote PoE device power consumption, and reduce cable length as needed
- Check that power consumption is within the specifications

FCC COMPLIANCE STATEMENT

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

IMPORTANT: Users and installers of this product are responsible for ensuring this product complies with all national, state, and local laws and statutes related to monitoring and recording audio and video signals. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or statutes.

IMPORTANT: Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

California Proposition 65 Warning: These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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