

# **ENFORCER<sup>®</sup>**

**NE-SE01-020Q**

**Passive Ethernet Extender over Coax**

**Manual**



- 1 Channel Ethernet over coax
- 10/100 Mbps Full duplex\*
- Transmission distance:\*\*
  - Up to 650ft (200m)@10Mbps
  - Up to 325ft (100m)@100Mbps
- Passive, no power required
- Built-in surge protection
- Fast and easy to install
- Sold as a set

\* Use only with 10/100 Switches

\*\* Actual transmission range will vary depending on equipment used and cable grade.

# ENFORCER Passive Ethernet Extender over Coax

## Introduction:

ENFORCER Passive Ethernet Extender over Coax is designed to extend the range of any TCP/IP device beyond the 300ft (100m) limit of Ethernet. The unit does not filter any protocols, codes, or applications, ensuring compatibility with any IP camera and its software.

## Specifications:

Type		Passive Ethernet Extender over Coax
Range*	10Mbps (RG59)	Up to 650ft (200m)
	100Mbps (RG59)	Up to 325ft (100m)
Input connector		RJ-45
Output connector		BNC
Link cable		RG59/U or better
Ethernet speed		10/100 Mbps**
Standard		IEEE802.3 10Base-T/100Base-T
Operating temperature		-4°~158° F (-20°~70° C)
Dimensions		2 <sup>3</sup> / <sub>8</sub> "x1 <sup>1</sup> / <sub>8</sub> "x1 <sup>3</sup> / <sub>16</sub> " (60x29x20 mm) (Excluding pigtail)

\* Actual transmission range will vary depending on equipment used and cable grade.

\*\* Use only with 10/100 Switches

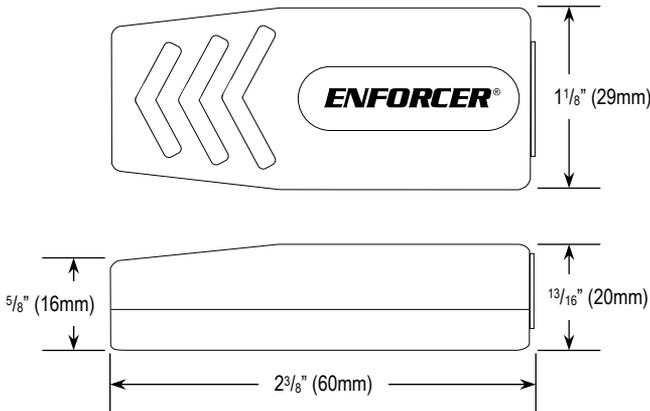
## Parts List:

2x Passive Ethernet Extenders

1x Manual

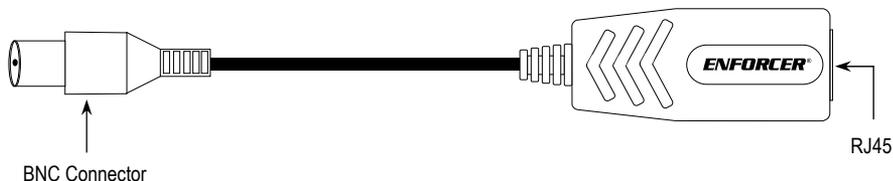
## Dimensions:

Note: Pigtail length is 5" (127mm)



Note: Both Ethernet extender units are the same size.

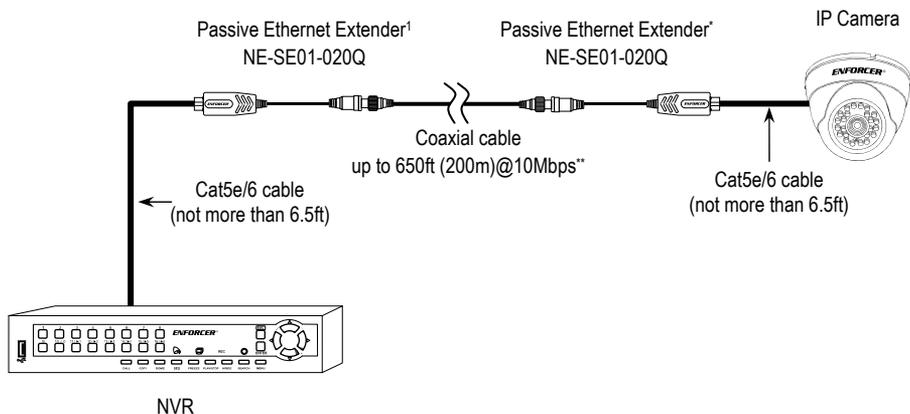
## Overview:



## Installation:

1. Determine the location where the units will be placed as well as how much cable will be required.
2. Connect one unit to an IP camera or other TCP/IP output device using Cat5e/6 cable of not more than 6.5ft (2m).
3. Connect one unit to a DVR, PC or other TCP/IP receiving device using Cat5e/6 cable of not more than 6.5ft (2m).  
Connect via the Ethernet port found on the front of the Passive Ethernet Extender.
4. Run a coax cable between the two Passive Ethernet Extenders and connect both ends.
5. Switch on the IP source (i.e. CCTV camera) and verify that the system is functioning properly.

## Sample Application:



\* The passive Ethernet extender units are bidirectional transceivers. It can operate as a transmitter and receiver.

\*\* Actual transmission range will vary depending on equipment used and cable grade.

# ENFORCER Passive Ethernet Extender over Coax

## Troubleshooting:

IP Device does not function correctly.

- Make sure you are using the unit with 10/100 switches.
- Make sure the Passive Ethernet Extender is connected on both sides.
- Make sure the IP source and DVR or PC are powered.
- Test the coaxial cable between the units and make sure it is functional.
- Make sure that there are no problems with the IP device, cables, or DVR by plugging the IP device directly into the DVR or PC using the Cat5e/6 cables.
- Make sure that the cables do not exceed the maximum distance (see pages 2 and 3 for more details).

## Also Available from SECO-LARM:



Passive VGA Balun  
**MVE-SV010Q**



Passive 4-in-1 HD Video Baluns  
**EB-P101-01HQ**



HDMI to VGA Converter  
**MVA-HV01Q**



HDMI Extender over Coax  
**MVE-AA11-01NQ**



CCTV Power Supplies  
**EVP-1SA4P9UL**



Ethernet over Coax w/ PoE  
**NE-AE01-030TQ**

**LIMITED 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.

**NOTICE:** The SECO-LARM policy is one of continual development and improvement. For that reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints. All trademarks are the property of SECO-LARM U.S.A., Inc. or their respective owners. Copyright © 2017 SECO-LARM U.S.A., Inc. All rights reserved.

## SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606

Website: [www.seco-larm.com](http://www.seco-larm.com)



Phone: (949) 261-2999 | (800) 662-0800

Email: [sales@seco-larm.com](mailto:sales@seco-larm.com)

MI\_NE-SE01-020Q\_171207.docx