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 out any protocols, codes, or applications, ensuring compatibility with any IP camera and its software.

Specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Passive Ethernet Extender over Coax</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Range</strong>*</td>
<td></td>
</tr>
<tr>
<td>10Mbps (RG59)</td>
<td>Up to 650ft (200m)</td>
</tr>
<tr>
<td>100Mbps (RG59)</td>
<td>Up to 325ft (100m)</td>
</tr>
<tr>
<td>Input connector</td>
<td>RJ-45</td>
</tr>
<tr>
<td>Output connector</td>
<td>BNC</td>
</tr>
<tr>
<td>Link cable</td>
<td>RG59/U or better</td>
</tr>
<tr>
<td>Ethernet speed</td>
<td>10/100 Mbps**</td>
</tr>
<tr>
<td>Standard</td>
<td>IEEE802.3 10Base-T/100Base-T</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-4°C<del>158°C (-20°C</del>70°C)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>2¾&quot; x11/8&quot; x13/16&quot; (60x29x20 mm)</td>
</tr>
<tr>
<td></td>
<td>(Excluding pigtail)</td>
</tr>
</tbody>
</table>

* 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)
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.
Troubleshooting:

- 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

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