

# USB 3.2 Gen1 POE Extender

The Super speed extender system is enabling USB 3.2 Gen1 at data transfer rates up to 5Gbps; extends true up to 100m (328ft) over standard CAT 6a/7 cabling.

It supports a wide variety of USB extension applications including security and monitoring, conference room, video matrix system, remote storage, industrial control, digital signage, scientific data acquisition, medical applications etc.

It supports all USB peripherals including USB cameras, sound bars, touch screens, keyboards, mice, interactive white boards, multi-function printers, flash drives, hard drives, audio devices, and any other USB devices.

## Features

- True plug and play; no software drivers required.
- Screw-lock design for Type-C port.
- Extends USB 3.2 Gen 1 (5Gbps), USB 2.0 (480Mbps) and USB 1.1 (12Mbps) devices up to 100m (328ft) over CAT 6a/7 cable.
- Supports all Control, Interrupt, Bulk and Isochronous devices.
- Supplies up to 1.5A at device port.
- Supports IEEE 802.3af Power over Ethernet (PoE) standard.
- Supports Over Current Protection / Short Circuit Protection and  $\pm 15\text{kV}$  ESD protection.
- Supports 2kVDC isolation protection between USB host and USB device.
- Compatible with all major operating systems; Windows, MacOS, Linux and ChromeOS.
- Splendid and cambered shape's Aluminum enclosure and wall mountable.

| Model No.               |                       | USB3-E101POE                   |                       |
|-------------------------|-----------------------|--------------------------------|-----------------------|
|                         |                       | Local (Host Side)              | Remote (Device Side)  |
| Connectors              | USB Port              | USB 3.2 Type-C Female          | USB 3.2 Type-C Female |
|                         | Link                  | RJ-45 Female                   | RJ-45 Female          |
|                         | Firmware Update       | Audio Jack Female              | Audio Jack Female     |
|                         | Power                 | 5.5 x 2.1mm DC Jack            | 5.5 x 2.1mm DC Jack   |
| Interconnection Cable   |                       | Standard CAT 6a/7              |                       |
| Max. Cable Length       | CAT 5e SFTP / 24AWG   | 50m (164ft)                    |                       |
|                         | CAT 6 SFTP / 23AWG    | 100m (328ft)                   |                       |
|                         | CAT 6a UFTP / 23AWG   | 100m (328ft)                   |                       |
| LEDs                    | Power                 | Red Color                      | Red Color             |
|                         | Activity              | Green Color                    | Green Color           |
|                         | Link                  | Orange Color                   | Orange Color          |
| USB Cable Length        |                       | 0.6m (USB 3.2 Gen1 C/M to C/M) |                       |
| Environmental           | Operating Temperature | 0 ~ 40°C                       |                       |
|                         | Storage Temperature   | 0 ~ 60°C                       |                       |
|                         | Humidity              | 0-80% RH, Non-condensing       |                       |
| Power Supply            |                       | DC48V 0.75A (36W)              | IEEE 802.af PoE (13W) |
| Housing                 |                       | Metal                          |                       |
| Dimension ( L x W x H ) |                       | 90 x 73 x 31mm                 |                       |

