

# VE812

## HDMI over Single Cat 5 Extender

- The VE812 HDMI over Single Cat 5 Extender enables an HDMI display to be located up to 100 meters away from the source device. It can conveniently be extended using only one Cat 5e cable, which is cost-effective.

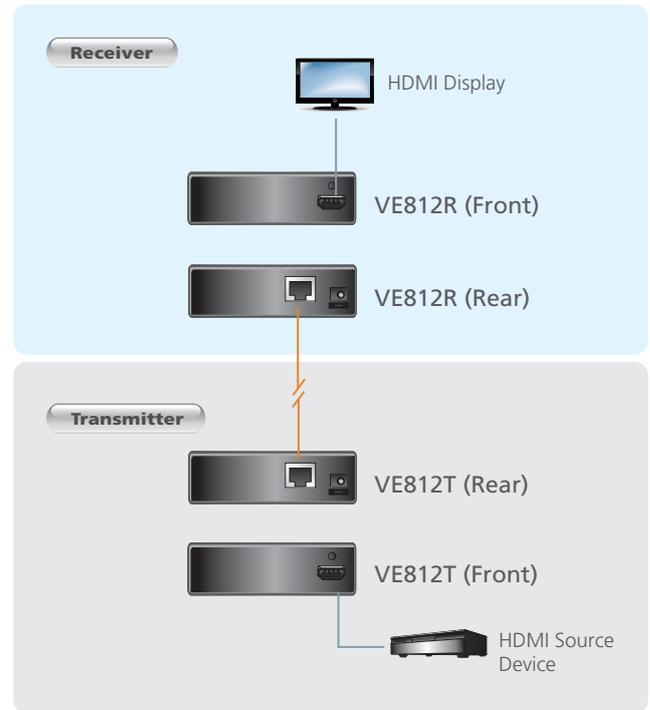
The VE812 not only supports HDMI (3D, Deep Color) but also Ultra HD (4k x 2k) and is HDCP compatible. Furthermore remote EDID pass-through ensures optimum video quality for your HDMI display.

The VE812 is perfect for the meeting room, home theater or any installation that needs long distance transmission and superior video quality.



### Features

- Extends the distance between HDMI source and HDMI display
- Implements HDBaseT extension technology using only one Cat 5 cable to connect the transmitter and receiver
- HDMI (3D, Deep Color, 4kx2k); HDCP Compatible
- Anti-jamming – resists signal interference during high-quality video transmission using HDBaseT technology
- Long distance transmission - up to 100m
- Supports resolutions of up to Ultra HD 4kx2k and 1080p Full HD
- EDID Expert – selects the optimum EDID settings for smooth power-up and highest quality display
- Supports up to 340MHz bandwidth for high performance video
- Signaling rates up to 3.4 Gbits
- Supports Dolby True HD and DTS HD Master Audio
- Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15 KV)



### Specification

| Function            |                        | VE812T                         | VE812R                         |
|---------------------|------------------------|--------------------------------|--------------------------------|
| Connectors          | HDMI In                | 1 x HDMI Type A Female (Black) | N/A                            |
|                     | HDMI Out               | N/A                            | 1 x HDMI Type A Female (Black) |
|                     | Line In/Out            | 1 x RJ-45 Female (Silver)      |                                |
|                     | Power                  | 1 x DC Jack (Black)            |                                |
| LEDs                | Power/Link             | 1 (Green)                      |                                |
|                     | HDMI Out               | N/A                            | 1 (Green)                      |
| Video               |                        | 4kx2k, 1080p @ 60Hz at 100m    |                                |
| Power Consumption   |                        | DC5.3V, 1.9W                   | DC5.3V, 4.5W                   |
| Environment         | Operating Temp.        | 0–50°C                         |                                |
|                     | Storage Temp.          | -20–60°C                       |                                |
|                     | Humidity               | 0–80% RH, Non-condensing       |                                |
| Physical Properties | Housing                | Metal                          |                                |
|                     | Weight                 | 0.43 kg                        | 0.43 kg                        |
|                     | Dimensions (L x W x H) | 14.17 x 10.30 x 3.00 cm        | 14.17 x 10.30 x 3.00 cm        |

