

VE601

DVI HDBaseT-Lite Extender (1080p@70m)
(HDBaseT Class B)



The VE601 DVI HDBaseT-Lite Extender is able to extend a DVI 1080p display up to 70 m using an Ethernet cable. This combination of ATEN and HDBaseT technology even supports sharing 1920 x 1200 media up to 40 m away, offering a simple, adaptable, and cost-effective solution for any professional A/V installation.

The VE601 DVI HDBaseT-Lite Extender is the perfect solution for professional A/V installations that require video signal interference protection, such as in medical and military installations. With its lightweight and easy-to-mount design, not to mention slip-resistant DC Jack lock mechanism, the VE601 can be installed nearly anywhere while ensuring peace of mind with its unerring reliability.



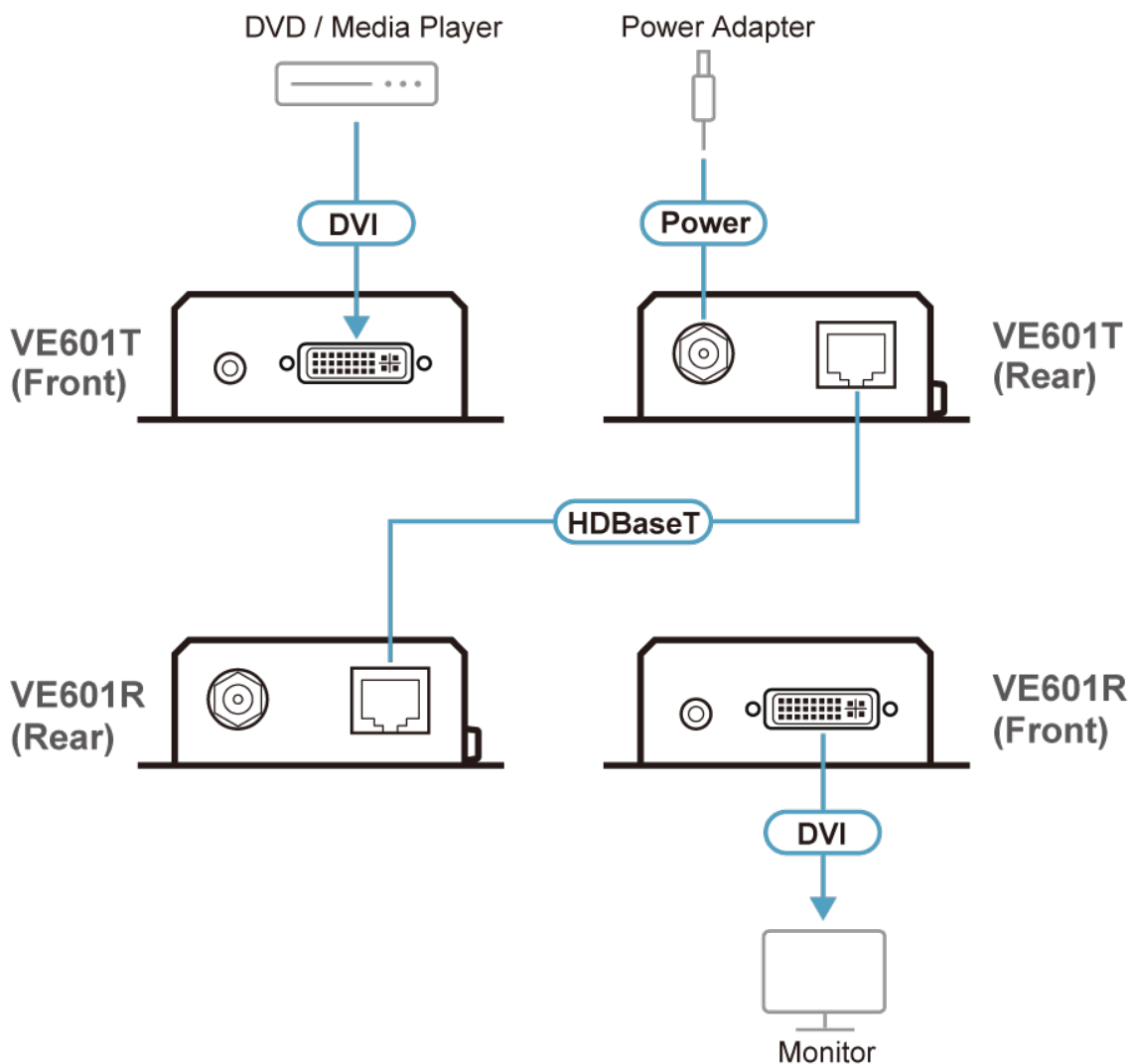
Features

- HDBaseT connectivity – extends a DVI connection up to 70 m
- Superior video quality – 1920 x 1200 @ 35 m (Cat 5e / 6) / 40 m (Cat 6a) ; 1080p @ 60 m (Cat 5e / 6) / 70 m (Cat 6a / ATEN [2L-2910](#))
- DVI (3D, Deep Color); HDCP 1.4 compliant
- HDBaseT Anti-Jamming – resists signal interference during video transmission
- Plug-and-play
- Rack-mountable

Specifications

| Function | VE601R | VE601T |
|--|--|---|
| Video Input | | |
| Interfaces | N/A | 1 x DVI-D Female (White) |
| Impedance | N/A | 100 Ω |
| Max. Distance | N/A | Up to 1.8m |
| Video Output | | |
| Impedance | 100 Ω | N/A |
| Interfaces | 1 x DVI-D Female (White) | N/A |
| Video | | |
| Max. Pixel Clock | 340 MHz | 340 MHz |
| Max. Data Rate | 10.2Gbps (3.4Gbps per lane) | 10.2Gbps (3.4Gbps per lane) |
| Compliance | DVI (3D, Deep Color) HDCP compatible | DVI (3D, Deep Color) HDCP compatible |
| Max. Resolutions / Distance | Up to 1920 x 1200@35 m (Cat 5e/6) / 40 m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@60 m (Cat 5e/6) / 70 m (Cat 6a/ATEN 2L-2910 Cat6) | Up to 1920 x 1200@35 m (Cat 5e/6) / 40 m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@60 m (Cat 5e/6) / 70 m (Cat 6a/ATEN 2L-2910 Cat6) |
| Connectors | | |
| Power | 1 x DC Jack with locking | 1 x DC Jack with locking |
| Unit To Unit | 1 x RJ-45 Female | 1 x RJ-45 Female |
| Power Consumption | DC5V:4.36W:20BTU Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | DC5V:1.84W:9BTU Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental | | |
| Operating Temperature | 0-50°C | 0-50°C |
| Storage Temperature | -20 - 60°C | -20 - 60°C |
| Humidity | 0% - 80% RH, Non-condensing | 0% - 80% RH, Non-condensing |
| Physical Properties | | |
| Housing | Metal | Metal |
| Weight | 0.25 kg (0.55 lb) | 0.25 kg (0.55 lb) |
| Dimensions (L x W x H) with bracket | 10.20 x 8.70 x 3.00 cm (4.02 x 3.43 x 1.18 in.) | 10.20 x 8.70 x 3.00 cm (4.02 x 3.43 x 1.18 in.) |
| Dimensions (L x W x H) without bracket | 9.42 x 6.60 x 2.90 cm (3.71 x 2.6 x 1.14 in.) | 9.42 x 6.60 x 2.90 cm (3.71 x 2.6 x 1.14 in.) |

Diagram



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