

Aten VE813A 4K HDMI HDBaseT Extender (Transmitter/Receiver) Set with ExtremeUSB

| Function | VE813AR | VE813AT |
|-----------------------------|---|---|
| Video Input | | |
| Interfaces | - | 1 x HDMI Type A Female (Black) |
| Impedance | - | 100 Ω |
| Max. Distance | - | 1.8 m |
| Video Output | | |
| Interfaces | 1 x HDMI Type A Female (Black) | - |
| Impedance | 100 Ω | - |
| Video | | |
| Max. Data Rate | 10.2 Gbps (3.4 Gbps Per Lane) | 10.2 Gbps (3.4 Gbps Per Lane) |
| Max. Pixel Clock | Up to 340 MHz | Up to 340 MHz |
| Compliance | HDMI (3D, Deep Color, 4K) HDCP Compatible Consumer Electronics Control (CEC) | HDMI (3D, Deep Color, 4K) HDCP Compatible Consumer Electronics Control (CEC) |
| Max. Resolutions / Distance | Up to 4K@70m (Cat 5e/6) / 100m (cat 6a); 1080p@100m *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) | Up to 4K@70m (Cat 5e/6) / 100m (cat 6a); 1080p@100m *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) |
| Audio | | |
| Input | - | 1 x HDMI Type A Female (Black) |
| Output | 1 x HDMI Type A Female (Black) | - |
| Power Consumption | 5 VDC, 5.75W Note: For the VE813R, power consumption will be 13.25W when all 3 USB connectors are occupied. | 5 VDC, 5.75W Note: For the VE813R, power consumption will be 13.25W when all 3 USB connectors are occupied. |
| Physical Properties | | |
| Weight | 0.62 kg (1.37 lb) | 0.61 kg (1.34 lb) |
| Dimensions (L x W x H) | 18.20 x 11.61 x 2.87 cm (7.17 x 4.57 x 1.13 in.) | 18.20 x 11.61 x 2.87 cm (7.17 x 4.57 x 1.13 in.) |
| Housing | Metal | Metal |
| Carton Lot | 5 pcs | 5 pcs |
| Control | | |
| USB Channel | 3 x USB Type A Female Transfer Rate: USB 2.0 (Up to 40 Mbps) | 1 x USB Type B Female Transfer Rate: USB 2.0 (Up to 40 Mbps) |
| Connectors | | |
| Power | 1 x DC Jack | 1 x DC Jack |
| Environmental | | |
| Operating Temperature | 0-40°C | 0-40°C |
| Storage Temperature | -20 - 60°C | -20 - 60°C |
| Humidity | 0 - 80% RH, Non-Condensing | 0 - 80% RH, Non-Condensing |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. | |