



## HT-AIM-100

4K@60Hz 4:2:0  
HDBT Extender



HT-AIM-100

### FEATURES

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- Up to 4K@60Hz 4:2:0 8-bit and HDCP2.2 over a single category cable..
- Using a Cat6a/7 cable, extends 4K@60Hz 4:2:0 8-bit up to 70m/230ft and 1080P up to 100m/328ft.
- Over a Cat5e/6 cable, extends 4K@60Hz 4:2:0 8-bit up to 35m/115ft and 1080P up to 70m/230ft.
- Bi-directional PoC (Power over Cable) with one power adapter at either end.
- Supports bi-directional IR and RS232 pass-through.

### DESCRIPTION

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The AIM-100 is a slimline HDBaseT extender pair that can transmit HDMI signals of up to 4K 60Hz (4:2:0 8-bit) along 100m of category cabling. CAT6 cable supports 4K 60Hz (4:2:0 8-Bit) up to 70m and 1080p 60Hz HDMI signals can also be extended up to 100m. CAT6A / 7 cabling offers increased distances of 100m for 4K 60Hz (4:2:0 8-Bit) resolutions. The AIM-100 also features bi-directional PoC, two-way IR and RS232 pass-through.

With the built-in control pass-through, users can control the source from the display's location or can control the display from the source's location. And, with their small form factor, the extenders are easy to install in many locations.



| Technical            |  |
|----------------------|--|
| HDMI Compliance:     | HDMI 21.4  |
| HDCP Compliance:     | HDCP 2.2   |
| Video Bandwidth:     | 10.2 Gbps  |
| Video Resolution:    | 4K@60Hz (8-bit 4:2:0), 4K@30Hz, 1080p, 1080i, 720p   |
| Color Depth:         | 8.10.12-bit (4K@60Hz)<br>16-bit (1080p@60Hz)   |
| HDMI Audio Formats:  | PCM 2.0/2.1/5.1/6.1/7.1, Dolby Atmos, Dolby TrueHD, DTS-ES, DTS HD Master, DTS-X   |
| Resolution/Distance: | <p><b>4K60:</b></p> <ul style="list-style-type: none"> <li>• Cat6a/7: 328ft (100m)</li> </ul> <p><b>1080p</b></p> <ul style="list-style-type: none"> <li>• Cat5e/6: 220ft (70m)</li> <li>• Cat6a/7: 328ft (100m)</li> </ul> <p><b>NOTE: Premium High Speed HDMI cable is highly recommended.</b></p> |

| General                |  |
|------------------------|--|
| Operating Temperature: | 0°C to 45°C (32°F to 113°F)                        |
| Storage Temperature:   | -20°C to 70°C (-4°F to 140°F)                      |
| Humidity:              | 10% to 90%, non-condensing                         |
| Power Consumption:     | 13W (Pair, PoC)                                    |
| Power:                 | 1x DC 18V/2A (included)                            |
| Dimensions:            | 135mm W x 14mm H x 77mm D (5.3" W x 0.6" H x 3" D) |
| Weight:                | 220g (0.485 lbs.)                                  |