

# HDBaseT Receiver

## KEY FEATURES

### ● BL-BR4K-1



- Resolution: 4K,1080P,720P
- Video Output: HDMI 1.4
- HDBaseT One-Cable Solution
- One CAT 6 cable transmission up to 100 meters.
- Provides Power to camera: up to 97W
- Supports IP control and IP streaming Pass-Thru\*.

## FUNCTIONALITY

- Use as a HDBaseT Receiver for Bolin's 1/7/8/9 Series PTZ camera with built-in HDBaseT adapter or other HDBaseT equipment.
- Over One CAT 6 Cable delivers: Camera Power(Up to 97W), Video(Up to 4K), Control signal, IP\*, Audio.
- Control supports: IR Control, RS232, RS422/485
- Two RJ45 Ports with included Phoenix Connection adapter provides convenience of cabling.
- Supports IP\* control to camera.
- Supports IP\* streaming Pass-Thru over HDBaseT one cable from camera to remote site.
- Low heat generation.
- Easy install wall mount and desk top mount and HDMI head holder.



RJ45-RS232



RJ45-RS422



FHD/4K video transmits up to 80-100 meters via one CAT6 cable



- Audio
- Video (HDMI)
- ← Control (RS232/422, IR)
- ← IP Streaming Pass Through
- ← Power

# Product Specification



Desktop Mount Pads  
Included



Wall Mount  
Included



Din Rail Mount  
Sold Separately



|                       |   |
|-----------------------|---|
| <b>Model No.</b>      | <b>BL-BR4K-1</b>  |
| <b>Product Name</b>   | <b>HDBaseT Receiver</b>   |
| <b>Video</b>          |   |
| Video support         | 4K: 2160p:25/29.97; 1080p:60/59.94/50/30/29.97/25; 1080i:60/59.94/50; 720p:60/59.94/50/30/25      |
| HDMI compliance       | HDMI 1.4  |
| HDMI over UTP         | CAT5e: 100M for up to 1080p60<br>CAT6/CAT6a/CAT7: 100 M for up to 4K 2K/30 4:4:4 and 4K60 4:2:0   |
| IP Pass-Thru          | For the camera with IP control or IP streaming functionality.(Camera model specific)              |
| Equalization          | Auto  |
| <b>Audio</b>          |   |
| Audio support         | Surround sound [up to 7.1ch] or stereo digital audio  |
| <b>Control</b>        |   |
| PZT Control           | RS232, RS422/485  |
| IR pass-thru          | One-way(RX)   |
| IP Control            | Support   |
| <b>Interface</b>      |   |
| Video Output          | 1XHDMI Type A - HDMI (4K), 1XRJ45 - IP Pass-Thru (100Mbps,extend connection only, not IP encoder) |
| Video Input           | 1XRJ45-HDBaseT(4K),   |
| Audio Output          | 3.5mm Jack  |
| Control Interface     | 2XRJ45: RS232, RS422/485 (RJ45 to Phoenix Connector adapter included), IR-1x 3.5mm IR RX          |
| <b>General</b>        |   |
| Operating Temperature | -10 to +50 (°C)   |
| Operating Humidity    | ≤80% Suitable for Use   |
| Power Input           | DC54V, 2.77A  |
| Power Output          | POH(Power Over HDBaseT, IEEE 802.3bt), Backward compatible to IEEE802.3at Type1(af)&Type2)        |
| Power Consumption     | Up to 97W   |
| Housing               | Metal enclosure   |
| Mount                 | Desk top padsx4 and Wall mountx1 are included, Din-Rail mount optional                            |
| Dimension             | 164x118x33mm  |
| Weight                | 0.52KG  |

## ORDER INFORMATION

- BL-BR4K-1
- BL-DR-P (Din Rail Mount)

\* This HDBaseT receiver is not an IP video encoder. The LAN Port is IP Pass-Thru for the camera with IP control or IP streaming functionality. Do not use it as an IP video encoder.