

4K100TX

ADVANCED HDBaseT FOR 4K UHD AND 1080P VIDEO



LOW LATENCY UNCOMPRESSED VIDEO AND AUDIO



-  Supports 4K and 4K UHD video up to a distance of 230ft
-  Robust I/O connectivity with HDMI 2.0 input, HDBaseT, and HDMI Loopback
-  HDMI 2.0 pass-thru allows output of the HDMI input signal to a secondary display
-  Advanced control via Ethernet and RS232



Optoma's 4K100TX is an advanced 4K HDBaseT transmitter capable of delivering low latency video and audio via CAT 6 network cable. Supporting distances up to 326 FT (100M) for 1440p and 1080p video and 229' (70M) for 4K video, the 4K100TX is the ideal solution for connecting a High Definition or Ultra High Definition source to Optoma projectors featuring HDBaseT.

Packed with an array of connectivity options such as HDMI 2.0 with HDCP 2.2 and HDBaseT, the 4K100TX is the ideal HDBaseT transmitter for professional AV installations for education, corporate or large venues. With the 4K100TX, there is no need to run lengthy and expensive HDMI cables from source to the projector, saving both time and money. The 4K100TX can bridge long distances in installations, connecting projectors located far away from the source, thanks to the HDBaseT connector.

The HDMI 2.0 pass-thru port allows the output of High Definition or Ultra High Definition signals to a secondary display. The Ethernet (and RS232) port enables advanced control features for AV professionals and network administrators.

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OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Advanced 4K HDBaseT Technology featuring Bi-directional PoH (Power over HDBaseT), and zero latency video and audio transmission
Video Compatibility	480i (720x480 interlaced), 480p (720x480), 720p (1280x720), 1080p (1920x1080), 4K UHD (3840x2160) @ 30Hz 4:4:4, 4K (4096x2160) @24Hz 4:4:4, and 4K (4096x2160) @60Hz 4:2:0
Computer Compatibility	VGA (640x480), SVGA (800x600), XGA (1024x768), WXGA (1280x800), UXGA (1600x1200), WUXGA (1920x1200)
HDMI Audio Formats	Dolby TrueHD, Dolby Atmos, Dolby Digital, Dolby Digital Plus, and DTS-HD Master Audio
Maximum CAT cable length for 2K (1440p), 1080p, and below	328 Feet (100M)
Maximum CAT cable length for 4K UHD (3840x2160) and 4K (4096x2160)	229 Feet (70 Meters)
HDMI Pass Through	Support up to 4K UHD and 4K for pass through/cascade to additional displays
3D Compatibility	Supports all 3D signal formats (TB/SBS/ Frame Pack/Sequential)
IR Compatibility	Bi-directional from all input and output sources
RS-232	Bi-directional
Operating Room Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, 1.2A auto-switching / DC Output 15V---2A with screw connector
Chassis Color	Metal Chassis - Black in color

COMPATIBILITY SPECIFICATIONS

I/O Connection Ports	HDMI 2.0 with HDCP 2.2 and ARC (Audio Return Channel), HDBaseT, HDMI Out (Pass Through), 3.5mm Bi-directional IR-In (mono), 3.5mm Bi-directional IR-Out (stereo), Ethernet, RS232
Loop Through (Audio)	No

PHYSICAL SPECIFICATIONS

Weight	1.5 lb
Dimensions (W x H x D) (Without feet)	5.6" x 5.51" x 0.98"

FRONT



1. (ARC) HDMI In
2. HDMI Loop Out
3. Ethernet

BACK



1. IR TX
2. IR RX
3. RS 232
4. Optical ARC
5. HDBT Out
6. DC 15Vv



* Buttons without description are not applicable to this model.

Warranty

1 Year Limited Parts and Labor

What's in the Box (Standard Accessories)

4K100TX Advanced HDBaseT Transmitter, Power Adapter

UPC 796435 09 121 7

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