

4K HDBaseT Transmitter

TRI-ACV-WP70-T-5023

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Features:

- HDMI 2.0b and HDCP 2.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K@60Hz 4:4:4
- Transmission distance can be extended up to 230ft/70m for 1080P signal or 131ft/40m for 4K signal via a single CAT6/6a cable
- Transmitter supports audio embedding, Receiver supports audio de-embedding
- Support two-way IR and RS-232 control
- Standard 86mm×86mm wall box
- POG 24V or local DC 24V power supply



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Technical specifications

Parameter	Value
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolution	Up to 4K@60Hz 4:4:4
Video Compression Standard	HDBT
Color Space	RGB, YCbCr 4:4:4/4:2:2, YCbCr 4:2:0
Color Depth	8/10/12bit
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
IR Level	5Vp-p
IR Frequency	Wideband 20K-60KHz
Color Depth	8/10/12bit
Audio Formats	HDMI: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD Analog: PCM 2.0
ESD Protection	Human body model: $\pm 8\text{kV}$ (Air-gap discharge) & $\pm 4\text{kV}$ (Contact discharge)
Transmission Distance	1080P--70m, 4K--40m (CAT6/6a)
Input interface	1×HDMI IN [Type A, 19-pin female], 1×AUDIO IN [3.5mm Stereo Mini-jack]
Output interface	1×HDBaseT OUT [RJ45]
Control interface	1×RS-232 [Phoenix jack], 1×IR IN [3.5mm Stereo Mini-jack], 1×IR OUT [3.5mm Stereo Mini-jack] 1×SERVICE [Micro-USB jack]
Housing	Aluminium Enclosure - Front Panel Metal Enclosure - Rear Panel
Color	White - Front Panel Black - Rear Panel
Dimensions	86mm[W] x 86mm[D] x 38mm[H]
Weight	185g
Power Supply	Input: AC100-240V 50/60Hz, Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	9W (POC)
Operating Temperature	32-104°F/0-40°C
Storage Temperature	-4- 140°F /-20 -60°C
Relative Humidity	20-90% RH (no condensation)

For the most current specification information, please visit tri-star.co.in