



4K HDBaseT Transmitter

TRI-AVC-DW70-R-5024



Product Overview

TRI-AVC-DW70-R-5024 is designed to be used in conjunction with the HDMI wall plate. It can extend transmission distance up to 230 ft / 70 m for a 1080P signal or 131 ft / 40 m for a 4K signal. The video resolution is up to 4K at 60 Hz 4:4:4. It supports audio de-embedding, two-way IR and RS-232 signal control and 24V POC function.

TRI-AVC-DW70-R-5024 offers ideal solutions for homes, offices, digital entertainment centers, control centers, conference rooms, schools and corporate training environments, where require HDMI source and transmission over long distance.



4K@60Hz (4:4:4)



audio de-embedding

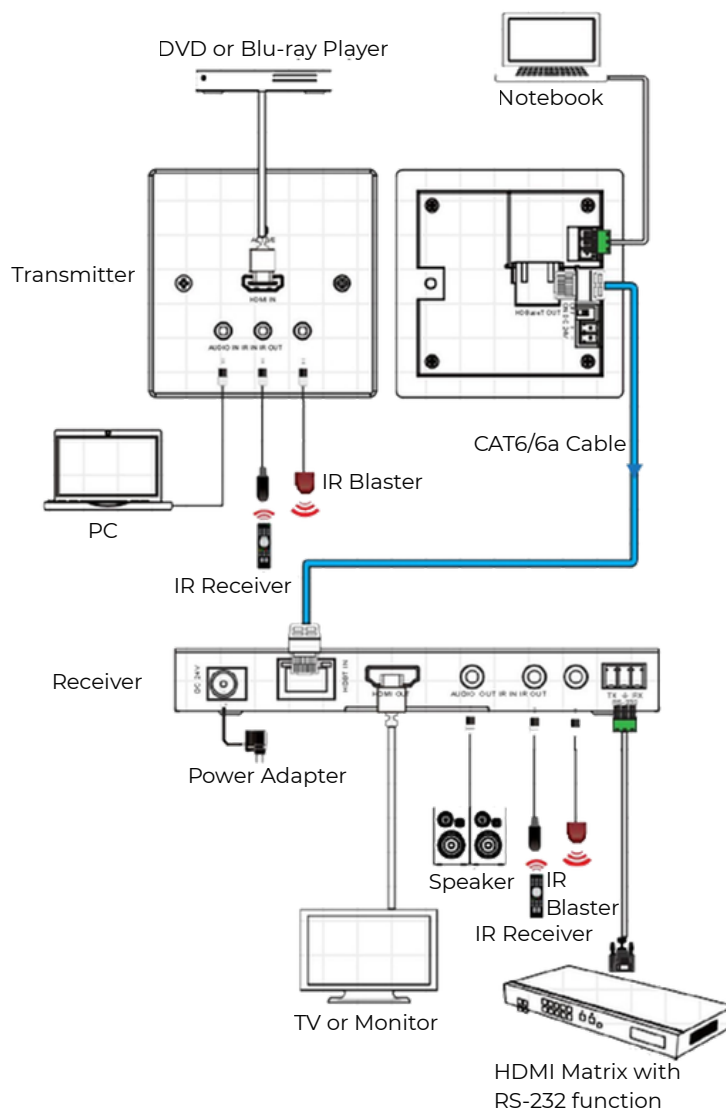


Dolby Vision

Key Features

- HDMI 2.0b, HDCP 2.2 / 1.4 and DVI 1.0 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
- Support audio de-embedding
- With bi-directional IR, RS-232 and CEC pass-through
- HDR, HDR10+, Dolby Vision and HLG function supported
- Support POC (Power over Cable) function
- Compact design for easy and flexible installation

Connection Diagram



Product specification

HDMI Compliance

HDMI 2.0b

HDCP Compliance

HDCP 1.4 and HDCP 2.2

Video Bandwidth

18 Gbps

Color Space

RGB / YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0

Color Depth

8/10/12-bit (1080P60Hz, 4K30Hz,
4K60Hz YCbCr 4:2:2 / 4:2:0), 8-bit
(4K60Hz 4:4:4)

HDMI Audio Formats

PCM 2.0 / 2.1 / 5.1 / 6.1 / 7.1, Dolby Digital, Dolby
TrueHD, Dolby Digital Plus (DD+), DTS-ES, DTS HD
Master, DTS HD-HRA, DTS-X

L/R Audio Formats

PCM 2.0

ESD Protection

Human body model: $\pm 8\text{kV}$ (Air-gap discharge) &
 $\pm 4\text{kV}$ (Contact discharge)

Input interface

1× HDBT IN (RJ45, 8-pin female)

Product specification

Output interface

1× HDMI OUT (Type A, 19-pin female), 1× AUDIO OUT (3.5mm Stereo Mini-jack)

Control interface

1× IR IN (3.5mm Stereo Mini-jack), 1× IR OUT (3.5mm Stereo Mini-jack), 1× RS-232 (Phoenix jack), 1× SERVICE (Mini-USB, Update port)

Housing

Metal Enclosure

Color

Black

Dimensions

140mm [W] × 65mm [D] × 18mm [H]

Weight

249g

Power Supply

Input: AC 100–240V 50/60Hz, Output: DC 24V/1A (Locking connector)

Power Consumption

5.6W (Max)

Operating Temperature

32–104°F / 0–40°C

Storage Temperature

–4–140°F / –20–60°C

Relative Humidity

20–90% RH (no condensation)