

DATASHEET

HDMI Splitter/Extender 1x2



General data

This HDMI extender splitter includes one transmitter and two receivers, extends 1 HDMI source to 2 HDMI displays over single CAT6/6a/7 cable up to 60m. The highest resolution supported is 4Kx2K@60Hz ultra HD, and it supports IR pass back, EDID pass through and only one power adapter for the transmitter is needed, the receiver is powered by the transmitter over CAT6 cable. Ideal solution for HDMI exhibition, video conference and show center, etc.

Features

- Distributes 1 HDMI source to 2 HD displays over network cable simultaneously
- Supports one HDMI Loop-out
- Compatible with CAT6/6a/7 network cables
- Extends HDMI signal up to 60m over CAT6 cable
- The highest resolution supported is up to 4Kx2K@60Hz ultra HD
- Supports 20~60Hz IR pass back
- Supports EDID
- Supports power from transmitter to receiver unit over CAT6 cable
- Plug and play
- Wall-mounted function, easy installation

Technical specifications

- HDMI2.0, compatible with HDCP2.2
- Support resolutions: 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz,

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1080p@50/60Hz, 3840x2140@30/60Hz

- Supports distance up to 30 m with 4Kx2K@60Hz resolution, up to 50 m with 4Kx2K@30Hz resolution, up to 60 m with 1080p@60Hz resolution
- IR Signal: supports 20-60KHz IR devices
- EDID: support EDID setting function
- Working temperature: 0°C – 60°C
- Power Supply: DC12V/2A
- Power consumption: Transmitter < 12W / Receiver < 6W
- Dimensions: Transmitter 161.6 x 85.31 x 31.0 mm / Receiver 101.1 x 81.6 x 20.6 mm
- Color: black

Package contents

- Transmitter unit x 1pc
- Receiver unit x 2pcs
- DC12V/2A x 1pc
- IR Blaster extension cable x 1pc
- IR receiver extension cable x 2pc
- User manual x 1pc

Technical properties

Automatic alarm processing	False
Automatic sequence	False
Full screen at alarm	False
OSD-programming	False
Suitable for 19 inch mounting	False
Text generator	False
Video loss function	False
Video norm	Colour PAL
With communication interface	False
With loop through function	False

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EX-HL21TY2	HDMI Splitter/Extender 1x2	1	2

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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