

DATASHEET

HDMI 4K2K@60Hz Extender Set (TX+RX) with IR via Cat. 5e/6 cable up to 120m



General data

- HDMI Extender, delivers 4K@60Hz signal up to 120m using Cat.6 cable, supports high definition and low latency transmission
- Supports one-to-one or one-to-many connections via gigabit switch
- Supports IR passback (20~60kHz)

Technical Specifications

- HDMI Transmitter and Receiver Kit with IR
- Supported Resolutions: 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/30/50/60Hz, 4096x2160@24/30/50/60Hz
- Network Cable: UTP/STP Cat.5/5E/6
- Transmission distance up to 120m transmission distance for 4K@60Hz on single CAT6 cable
- IR signal: supports 20-60KHz IR devices
- Operating temperature: 0°C - 60°C
- Power supply DC5V/1A
- TX consumption: 3.5W; RX: 2.5W

Protections

- Lightning protection

This datasheet was created automatically on 20-09-2026 . Technical changes reserved.



DATASHEET

HDMI 4K2K@60Hz Extender Set (TX+RX) with IR via Cat. 5e/6 cable up to 120m

- Overvoltage protection
- ESD protection

Dimensions

- Width: 96.8 mm
- Depth: 94.0 mm
- Height: 23.7 mm

Certifications

- CE
- FCC
- RoHS
- WEEE

Package Contents

- 1x HDMI EXTENDER TX Transmitter
- 1x HDMI EXTENDER RX Receiver
- 2x DC5V/1A Power Supply
- 1x IR Blaster Extension Cable
- 1x IR Receiver Extension Cable
- 1x Instruction Manual

Technical properties

Max. resolution	4096 X 2160 (4K)
Suitable for 19 inch mounting	False
Video Inputs	HDMI
Video interface	HDMI
Video norm	Colour PAL

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXTIP-483	HDMI 4K2K@60Hz Extender Set (TX+RX) with IR via Cat. 5e/6 cable up to 120m	1	1

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.

This datasheet was created automatically on 20-09-2026 . Technical changes reserved.

