DATASHEET

HDMI 4K 60Hz Repeater (Extender)











General data

The IDATA-HDMI2-RIP4KT repeater allows to cascade multiple HDMI cables to realize large distances. Max. length of 40 m in with a resolution up to 4K (Ultra HD) and support for 3D.
Rebuilds the HDMI signal so it can extend the transmission range up to 40 m without degradation.

Features

- HDMI compatible with High Speed Ethernet specification
- Improved output signal quality
- Extends the 4K signal up to 40 meters (lower resolutions can be extended for greater distances)

Technical Specifications

- Supports 3D, 4Kx2K @ 60Hz
- Supports HDCP 1.4
- Frequency up to 340 MHz
- HDMI transfer rate: 3.4 Gbps (Single link)
- Input / Output Resolutions: HD: 480i @ 60Hz, 576i @ 50Hz, 480p @ 60Hz, 1080p @ 50Hz, 1080p @ 60Hz, 1080i @ 50Hz, 1080p @ 30Hz, 1080p @ 25Hz, 1080p @ 24Hz, 2160p @ 30Hz

Size

- Width: 28 mm
- Depth: 51 mm
- Height: 13 mm

Certifications

This datasheet was created automatically on 08-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

HDMI 4K 60Hz Repeater (Extender)

- EC
- FCC
- WEEE

Package Contents

- 1x HDMI repeater
- 1x User Manual

Technical properties	
Max. resolution	4Kx2K@60Hz
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-HDMI2-RIP4KT	HDMI 4K 60Hz Repeater (Extender)	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 08-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION