DATASHEET

HDMI 4K Audio Extractor







General data

The IDATA HDMI-EAC allows you to separate the signal of a source in ultra high definition and obtain a high quality video signal and an audio signal. The audio signal thus separated is sent to the amplifier via the SPDIF port, coaxial or 3.5 mm L / R audio port.

Features
Separate the audio signal from HDMI and supply it separately
Converts an HDMI input to an HDMI Video + Audio output (SPDIF + R / L + COAXIAL)
Supports HDMI2.0, HDCP2.2, HDCP1.4
Support HDCP1.4 to HDCP2.2, HDCP2.2 to HDCP1.4 conversion
Support 3D video format
Support ARC function
Supports HDR
Supports resolution up to 4Kx2K @ 60Hz UltraHD
Supports YUV4: 2: 0/4: 2: 2/4: 4: 4 and RGB 4: 4: 4
Lossless transmission
Plug and Play, simple installation

Technical specifications
HDMI2.0 compliant
HDCP compliant: HDCP 2.2, HDCP1.4

This datasheet was created automatically on 03-11-2026 . 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 Audio Extractor

Supported HDMI Resolutions: 480i / 480p / 576i / 576p / 1080i / 1080p @ 60Hz / 4Kx2K @ 24/25/30 / 60Hz
Supported audio formats: Dolby, DTS, LPCM
Maximum transfer speed: 18Gbps
HDMI input cable distance: ≤5m (AWG24)
HDMI output cable distance: ≤ 5m (AWG24)
Power supply
Voltage / current: DC5V / 1A
Consumption: 2W

Environmental characteristics
Operating temperature: 0 ° to 50 °C
Operating temperature: -10 ° to 70 °C
Operating humidity: 5 to 90% non-condensing

Dimensions
Width: 80 mm
Depth: 80 mm
Height: 19.5 mm
Weight: 175 g

Certifications
CE
FCC
WEEE

Package Contents
IDATA HDMI-EAC audio extractor
5V 1A power supply
Instruction Manual

Technical properties	
Connection type primary side	HDMI Type A
Connection type secondary side	1xHDMI, 1xSPDIF, 1x3.5mm, 1xCinch
Service primary side	HDMI
Service secondary side	HDMI
Transmission rate	18 GBit/s

Available variants

ArtNr.	Bezeichnung	Unique
IDATA-HDMI-EAC	HDMI 4K Audio Extractor	Unique

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

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

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 03-11-2026 . 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