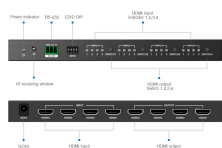


DATASHEET

HDMI2.0 Matrix Switch 4IN-4OUT 4K@60Hz



General data

IDATA HDMI-MX44 is an HDMI matrix switch with 4 inputs and 4 outputs, it can switch 4 HDMI input signals to 4 HDMI displays as needed.

It supports UHD HDR resolution up to 4096x2160@60Hz, and a variety of switching methods (IR remote control, buttons and RS232) flexibly matches input and output devices. Two of the four HDMI outputs support Auto Down Scaling.

This matrix is a reliable, ultra-high definition video transmission solution, widely used in security monitoring, education and training, exhibitions and broadcasts, command centers and many other scenarios.

Features

- Supports 4 HDMI inputs and 4 HDMI outputs
- Supports video resolution up to 4096x2160@60Hz
- Supports HDR10
- Supports multiple switching methods: IR remote control, buttons and RS232
- Supports EDID setting
- Two of the four HDMI outputs support Auto Down Scaling
- ESD protection, against lightning and surges

Technical specifications

- HDMI Version: HDMI2.0 HDR,YUV4:4:4

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DATASHEET

HDMI2.0 Matrix Switch 4IN-4OUT 4K@60Hz

Compatible with HDCP2.2,HDCP1.4

- HDMI interfaces: 4 HDMI inputs, 4 HDMI outputs
- Data transmission rate: 18 Gbps
- Bandwidth: 600MHz
- Video resolutions:
480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz,
3840x2160@24/25/30/60Hz, 4096x2160@ 24/25/30/60Hz
- Audio supported: LPCM7.1/DTS-HD/DTS-Audio/Dolby Digital plus/ Dolby TrueHD 7.1/Dolby Digital 7.1CH/Dolby Atmos
- RS-232: 3 pins (GND/Rx/Tx), baud rate 9600
- Voltage: DC5V/1A
- Power consumption: □4W
- Metal housing
- Black colour

Dimensions

- Width: 210.0 mm
- Depth: 80.0 mm
- Height: 21.0 mm

Environmental characteristics

- Working temperature -20°C~60°C
- Storage temperature: -30°C ~ 70°C
- Humidity 0~90%RH (non-condensing)

Package contents

- 1x IDATA HDMI-MX44 matrix switch
- 1x 5V/1A power supply
- 1x Remote Control
- 2x Fixing tabs
- 6x Screw
- 2x Grounding screw
- 1x Terminal block

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
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DATASHEET

HDMI2.0 Matrix Switch 4IN-4OUT 4K@60Hz

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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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