

4x4 HDMI Matrix

HMA0404A60

HDMI Matrix can greatly facilitate your management of audio and video devices. If you have multiple sources and display devices like game consoles, streaming boxes, projectors and monitors, our HDMI Matrix can help you match your devices at will. You can choose which output device to display which input device as you want, and you can also display one input device on multiple output devices at the same time, eliminating the troublesome of unplugging cables and switching devices, and greatly simplifying the device management. You can switch input ports with front panel buttons, IR signals and RS232 port.

This product also supports Quad Multi-Viewer mode, which can be applied to engineering, security, media and other scenarios.

Features

Each HDMI output can share same input or select standalone input

Support resolution up to 3840x2160@30Hz

HDCP1.4 compliant

Each HDMI output support Quad Multi-Viewer mode

Supports two different resolutions in Quad Multi-Viewer mode: 720P60Hz or 1080P60Hz

Support PCM, Dolby AC3, DTS5.1 and DSD audio format

Matrix status could be memorized after power down, automatically restore previous matrix status after next power on

Smart EDID management, make it compatible with most display devices

Support 4 configurable user preset connections

Easy to control matrix via IR receiver, front panel key and PC (via RS232 port)

Packing List

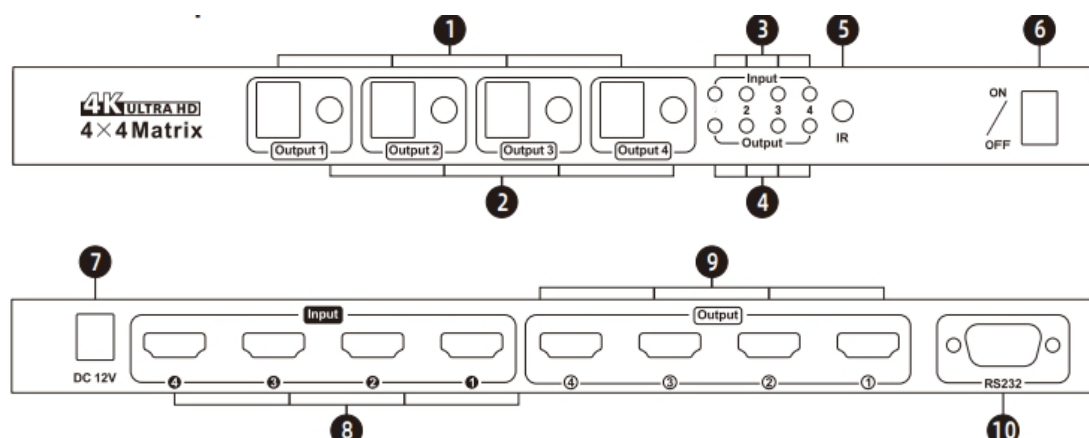
1 * 4x4 HDMI Matrix

1 * IR Remote control

1 * DC 12V Power Adapter

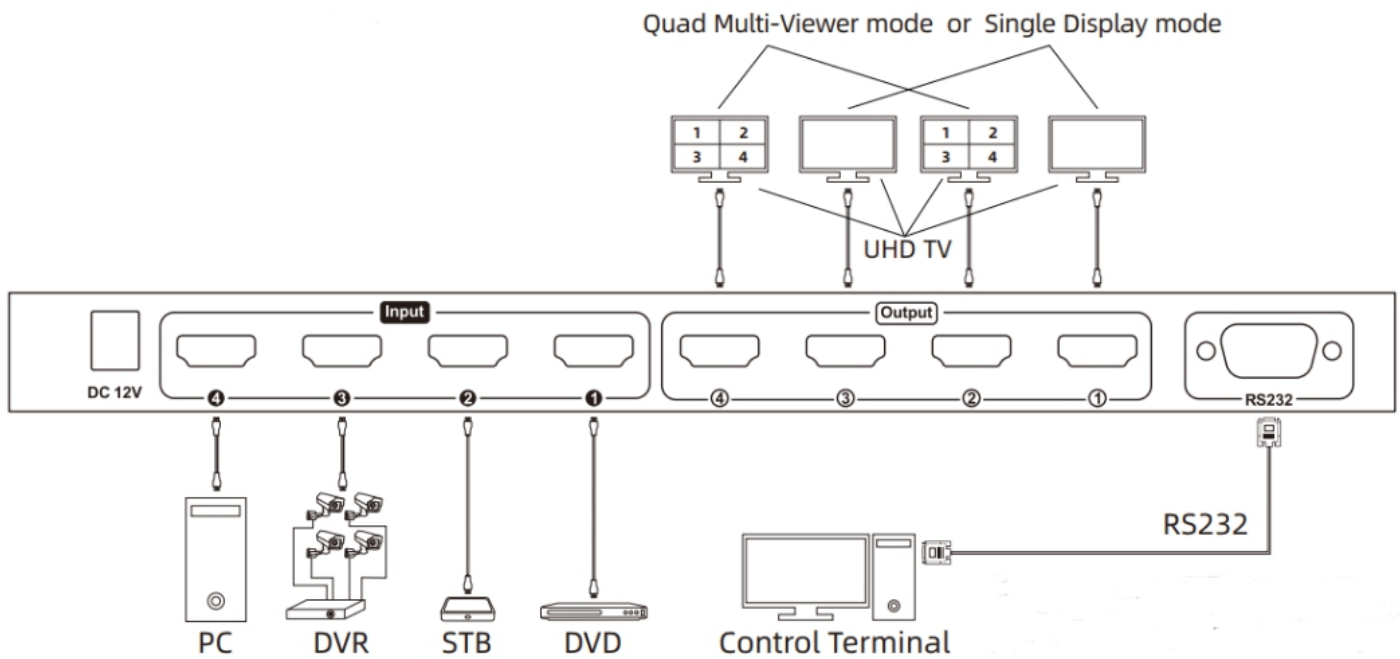
1 * User manual

Panel description



ID	Name	Description
1	Digital display	Display current selected input source number. 1-4 indicates the corresponding input port number; 0 indicates entering Quad Multi-Viewer mode.
2	Input selection button	Select input port or enter Quad Multi-Viewer mode.
3	Input selection status	LED will be lit if HDMI Input port connected to HDMI source device.
4	Output selection status	LED will be lit if HDMI Output port connected to HDMI display.
5	IR receiver	Receive IR signal.
6	Power switch	Turn on or off power supply of the matrix.
7	DC 12V	DC 12V power supply.
8	HDMI input ports	Connect HDMI source devices.
9	HDMI output ports	Connect to HDMI displays.
10	RS232 port	Connect this port to control termination. Use RS232 commands to select input sources.

Connection diagram



Specification

HMA0404A60	4x4 HDMI Matrix	
Functionality		
Port selection	Front panel buttons	Yes
	Console commands	RS232
	IR remote control	Yes
OSD	Yes	
Smart EDID	Yes	
Technical		
Resolution	Up to 3840x2160@30Hz	
HDCP version	1.4	
Data rate	10.2 Gbps	
Input	4*HDMI Type A	
Output	4*HDMI Type A	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical		
Chasing material	Metal	
Product Dimensions	278(L) x 136 (W) x 25 (H) mm	
Item Weight	1100 g	
Power supply	DC 12V 2A	
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree	
Operating Humidity	10 to 90% RH	