

MP-DA-4UHD-H2

4K Splitter 1x4 w/ Down-scale



POWER LED: The LED illuminates red when power is applied.

INPUT LED: The LED illuminates blue when there is HDMI input.

OUTPUT LEDs: The LED illuminates blue when there is HDMI output on the corresponding channel.

EDID: 4-pin DIP switch for EDID setting and HDCP mode selection. Please refer to the [5.1 EDID Management](#) for more details.

FW: Micro-USB port for firmware upgrade.

Rear Panel



PRODUCT OVERVIEW

The MP-DA-4UHD-H2 is an HDMI 2.0 1x4 splitter that distributes one HDMI input to four HDMI outputs. It supports video up to 4K@60Hz 4:4:4, 1080P 3D and multichannel audio formats, with EDID management, selectable HDCP mode and automatic 4K-to-1080P down-scaling for compatibility with 1080P displays.

KEY FEATURES

- HDMI 2.0; video resolution up to 4K@60Hz 4:4:4.
- HDMI input supports HDCP 2.2; outputs support HDCP 2.2/1.4.
- HDCP Active or HDCP Passive mode selection.
- Automatic 4K input down-scaling to 1080P output.
- 18Gbps high bandwidth.
- Advanced EDID management with multiple built-in settings.
- Built-in equalizer for signal enhancement.
- CEC pass-through; LED status indication.
- Micro-USB firmware upgrade.

VIDEO SPECIFICATIONS

Video Input	1 × HDMI
Input Connector	1 × Type-A female HDMI
HDMI Input Resolution	Up to 4K×2K@60Hz 4:4:4 8-bit
HDMI Standard	2.0
HDCP Version	2.2, 1.4 compliant
CEC	Supported
Video Output	4 × HDMI
Output Connector	4 × Type-A female HDMI
HDMI Output Resolution	Up to 4K×2K@60Hz 4:4:4 8-bit
HDMI Output Standard	2.0
HDCP Output	2.2, 1.4 compliant
CEC Output	Supported

GENERAL SPECIFICATIONS

Control	1 × EDID 4-pin DIP switch; 1 × Micro-USB port
Bandwidth	18Gbps
HDMI 2.0 Cable Length	4K@60Hz 4:4:4 ≤ 5m; 4K@60Hz 4:2:0 ≤ 15m; 1080P ≤ 20m
Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10%-90%
Power Supply	Input: 100V-240V AC; Output: 5V DC 1A
Power Consumption	2.5W (Max)
Dimensions (W×H×D)	142.0 × 17.6 × 70.4 mm
Net Weight	260g

Manual version: MP-DA-4UHD-H2_2025V1.0

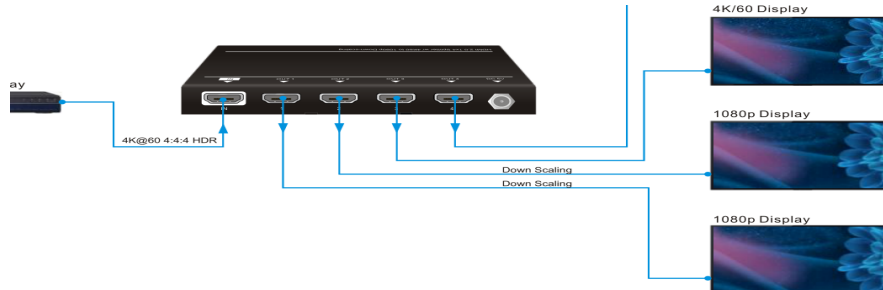
MP-DA-4UHD-H2

Panel Details • System Connection • EDID/HDCP • Down-scaling

PANEL & CONTROL

Front Panel	Power LED; Input LED; Output 1-4 LEDs; 4-pin EDID DIP switch; Micro-USB firmware port.
Rear Panel	1 × HDMI input; 4 × HDMI outputs; DC 5V barrel power input.
LED Status	Power: red when power is applied. Input: blue when HDMI input is present. Output LEDs: blue when HDMI output is active on the corresponding channel.
Control	4-pin DIP switch for EDID setting and HDCP mode selection; Micro-USB port for firmware upgrade.

SYSTEM CONNECTION



Switch Operation Management

EDID (Extended Display Identification Data) is used by the source device to match the resolution with the connected display. By default, the source device obtains its resolution from the first connected display. Meanwhile, since the displays with different resolutions are connected to the splitter, the DIP switch on the front panel can be used to select the resolution.

4

Typical connection shown in the supplied manual: one 4K@60 4:4:4 HDR source feeds the splitter; four displays are connected, with down-scaling used for the 1080p displays.

EDID MANAGEMENT

Switch	Video Resolution / Audio
000	EDID from first detected display, priority HDMI output 1→2.
001	EDID from first detected display, priority HDMI output 2→1.
010	1080P — LPCM
011	1080P — DTS/Dolby
100	3840×2160@30Hz HDR — LPCM
101	3840×2160@30Hz HDR — DTS/Dolby
110	3840×2160@60Hz HDR — LPCM
111	3840×2160@60Hz HDR — DTS/Dolby

HDCP Mode: Switch 4 OFF (0) = Passive mode (default), automatically follows the display's HDCP version. Switch 4 ON (1) = Active mode.

VIDEO RESOLUTION DOWN-SCALING

Resolution	Refresh	Color Space	Downscale	1080P Output
3840×2160	60	4:4:4	Support	1080P@60Hz 4:4:4
3840×2160	30	4:4:4	Support	1080P@30Hz 4:4:4
3840×2160	24	4:4:4	Support	1080P@24Hz 4:4:4
3840×2160	60	4:2:0	Support	1080P@60Hz 4:4:4
3840×2160	30	4:2:0	Support	1080P@30Hz 4:4:4
3840×2160	24	4:2:0	Support	1080P@24Hz 4:4:4
3840×2160	60/30/24	4:2:2	Not Support	N/A

PACKING LIST

- 1 × HDMI 2.0 1×4 Splitter
- 2 × Mounting Ears with 4 Screws
- 4 × Plastic Cushions
- 1 × Power Adapter (5V DC 1A)
- 1 × User Manual

Source: supplied MP-DA-4UHD-H2 User Manual, Version MP-DA-4UHD-H2_2025V1.0. Product/panel artwork and system diagram are taken from the supplied manual.