Pana MultiViewer

5K 4x1 HDMI Multiview Processor & Seamless Switcher



Pana MultiViewer

- Up to four HDMI sources on a single display
- 10 multiview layouts, from PIP to quad view
- Selectable 5K ultra-wide output up to 5120 x 2880
- 4K60 4:4:4 over 18Gbps HDMI 2.0b with HDCP 2.2
- Zero-frame seamless switching between sources
- Front panel, IR remote and RS232 API control

One Display, Every Source

The Pana MultiViewer brings up to four HDMI sources together on one screen. Room PCs, guest laptops, Microsoft Teams Rooms and Zoom Rooms systems, and room connectivity hubs can be shown side by side, as picture-in-picture, or switched full screen at the touch of a button.

Designed as the ideal companion to Jupiter's Pana 21:9 displays, the MultiViewer supports selectable 5K and ultra-wide output timings, including 5120 x 2160, alongside standard 4K and HD resolutions. Ten layouts, from dual and triple splits to quad views, let teams follow a call, compare data and present content at the same time.

Seamless Switching delivers zero-frame transitions between sources at a fixed output resolution, and a direct pass-through path is there when a source needs it. RS232 API commands make integration with room control systems simple, and the supplied IR remote puts every layout and setting one press away.

PANA MULTIVIEWER FEATURES

10 Multiview Layouts
Single, PIP, dual, triple and quad views, selectable from the front panel, IR remote or API.

5K Ultra-Wide Output
Output up to 5120 x 2880, including 5120 x 2160 for Pana 21:9 displays, plus 4K and HD.

Seamless Switching
Zero-frame switching between sources at a fixed, user-selected output resolution.

Full IR Remote
Inputs, layouts, PIP position and size, audio, resolution, EDID and OSD, all one press away.

Flexible Audio
Analog L/R and optical S/PDIF de-embedding, with independent audio selection in multiview.

Easy Integration
RS232 API, IR extension port, EDID management and a compact metal chassis with mounting ears.

Pana MultiViewer Specifications

SPECIFICATIONS	
Model Name	Pana MultiViewer
Configuration	4 x 1 multiview switcher
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Max Input Resolution	4096 x 2160 @ 60Hz 4:4:4
5K / Ultra-wide Timings	5120 x 1080 @ 60Hz, 5120 x 1440 @ 60Hz, 5120 x 2160 @ 30Hz, 5120 x 2560 @ 30Hz, 5120 x 2880 @ 30Hz
Output Resolutions	Auto, 3840 x 2160 @ 60/30Hz, 1920 x 1200 @ 60Hz RB, 1920 x 1080 @ 60Hz, 1280 x 720 @ 60Hz, plus all 5K / ultra-wide timings
Color Depth	8-bit, 10-bit, 12-bit
Color Space	RGB 4:4:4, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDR	Direct pass-through path only
3D	Pass-through path, if supported by source and display
CEC	Single-view mode
EDID	4K60 2.0 / 5.1 / 7.1CH, 5K30 2.0CH, Copy Sink, 2x user-defined
Transmission Distance	3 m (9.8 ft) over HDMI cable
MULTIVIEW & SWITCHING	
Display Modes	Single, PIP, Dual-LR, Dual-TB, Triple-R, Triple-L, Quad-L, Quad-R, Quad-T, Quad-E
Video Paths	Seamless Switching / Direct Pass-through
PIP	4 positions, 3 sizes
Aspect Ratio	Full screen or 16:9
Auto Switching	Yes (single-view mode)
On-Screen Display	Off, input channel, or channel and border
AUDIO	
HDMI Audio	LPCM, Dolby Digital / Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X
Analog Audio Out	PCM 2.0
Optical Audio Out	Dolby Digital, DTS 5.1, PCM 2.0
Multiview Audio	Independent source selection
POWER	
Power Supply	100-240V~ 50/60Hz in, 12V DC 1A out
Maximum Power	9.24W

FRONT PANEL	
IR Receiver Window	1
Status LEDs	Power, Input 1-4, Auto, Video Path
Control Buttons	Switch/Auto, Path, MV, Res
REAR CONNECTIVITY	
HDMI In (Type A)	4
HDMI Out (Type A)	1
L/R Audio Out (3.5mm)	1
Optical Audio Out	1
RS232 (3-pin Phoenix)	1
IR EXT (3.5mm)	1
DC 12V Power In	1
CONTROL	
Control Methods	Front panel, IR remote, RS232 API
RS232 Settings	115200 baud, 8 data bits, 1 stop bit, no parity
IR Frequency	38kHz
Front Panel Lock	Yes
DIMENSIONS	
Unit Dimensions	220 x 100 x 30 mm (8.7" x 3.9" x 1.2")
Net Weight	586 g (1.3 lbs)
Housing	Metal, black
Mounting	2x mounting ears included
ACCESSORIES	
Ships With	12V/1A power adapter, IR remote, IR receiver cable (1.5 m), 3-pin Phoenix connector, 2x mounting ears, 4x screws
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C
Operating Humidity	20% to 80% RH, non-condensing
Storage Temperature	-20°C to 60°C
Storage Humidity	10% to 90% RH, non-condensing
ESD Protection	IEC 61000-4-2: ±8kV air, ±4kV contact

IR REMOTE CONTROL



Input 1 to 4	Input, or window source in multiview
Layout Keys	10 layouts, 16:9 aspect and CYCLE
PIP Keys	4 positions, 3 sizes
Setup Keys	AUTO, PATH, AUDIO, RES, EDID
OSD, Power, Mute	Labels, standby and audio mute

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