Overview:

The HDMI 8x8 Matrix, UHD-4K connects eight HDMI sources to eight displays. This matrix provide eight HDMI outputs and each HDMI output is supporting 1080p Full HD up to 4K plus all 3D formats and supporting independent EDID control. It works with Blu-Ray players, Set-Top boxes, Home Theater systems, and game consoles that connect to an HDMI display. Any source is accessible at all times by any display by selecting it via the supplied IR Remote Control, RS-232, TCP/IP or by using the selection buttons on the front panel.

Applications:

Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, and medical information systems.

Features:

- HDMI V1.4 supports: 4K x 2K @30Hz, 1080p @120Hz, and 1080p 3D @60Hz.
- Supports color depth of 48, 36, 30, 24 bit.
- Supports LPCM 7.1CH, Dolby TrueHD and DTS-HD Master Audio.
- Allows any source to be displayed on multiple displays at the same time.
- Allows any HDMI display to view any HDMI source at any time.
- Input ports support independent EDID.
- Supports IR matrix and Digital Audio output.
- Supports pushbutton, IR, RS232 and TCP/IP Control.
- Front panel LCD display for status feedback.
- HDMI connectors with Locking nuts

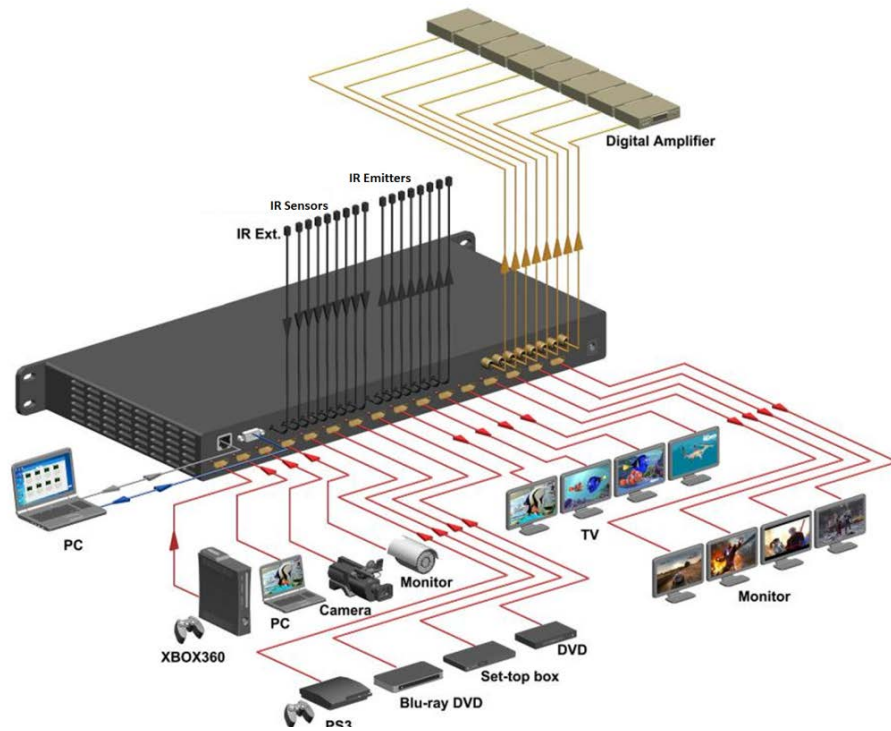*Note: Includes 9 IR sensors and 8 IR emitters. IR sensor and IR emitter cable length: 154 cm.*

Video Bandwidth	297 MHz
Support Video Resolution	480i,576i,480p,576p,720p,1080i,1080p@24/30/50/60Hz, 4K@30Hz, 1080p 3D@60Hz
Input Ports	Eight (8) HDMI Receptacle One (1) RS-232 One (1) Ethernet Port (Control) Nine (9) IR Sensor 3.5mm Jack
Output Ports	Eight (8) HDMI Receptacle Eight (8) Digital Audio Output Eight (8) IR Emitter 3.5mm Jack
ESD Protection	Human-body Model: ± 8kV (Air-gap discharge) ± 4kV (Contact discharge)
Power Supply	One (1) 110-240V/12VDC/2.5A power supply with interchangeable blades
Dimensions	17.32" × 7.87" × 1.77" (440 × 200 × 45 mm)
Weight	5.10lb (2.31 Kg)
Chassis Material	Metal
Silkscreen Color	Black
Operating Temperature	0 ºC to 40 ºC / 32 ºF to 104 ºF
Storage Temperature	−20 ºC to 60 ºC / −4 ºF to 140 ºF
Relative Humidity	20 to 90 % RH (non-condensing)
Power Consumption	23 W(max) / 0.5 W(Standby)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 Years
Ordering Information	500441 HDMI 8x8 Matrix Switch, UHD-4K (UPC: 627699004418)

Typical Application:

Product Photos:

Includes 9 IR sensors and 8 IR emitters

500441

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