



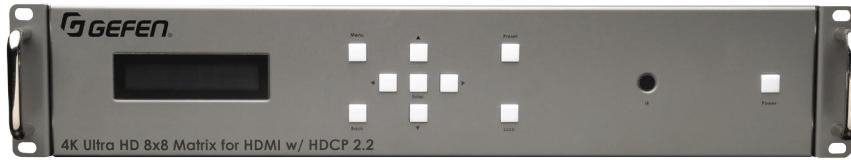
4K Ultra HD 8x8 Matrix for HDMI w/ HDCP 2.2

HDMI® 2.0

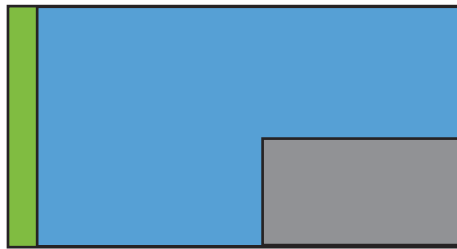
4K ULTRA HD
60Hz, 4:2:0

4K CINEMA
DCI, 4096 x 2160

HDCP 2.2



The Gefen 4K Ultra HD 8x8 Matrix for HDMI routes eight 4K sources to any combination of up to eight 4K displays. Resolutions up to 4K Cinema-DCI (4096 x 2160 at 24 or 30 Hz 4:4:4) and 4K Ultra HD (3860 x 2160 at 60 Hz, 4:2:0 or 30Hz 4:4:4) are supported. This product is compliant with the latest HDCP 2.2 protocol as well as HDCP 1.4. The Gefen 8x8 Matrix also supports 1080p Full HD, 1920 x 1200 (WUXGA), 3DTV, and Deep Color (up to 1080p resolution). Multichannel digital audio including 7.1 channels of LPCM and HBR (High Bit Rate) digital audio formats such as Dolby® TrueHD and DTS-HD Master Audio™ are also passed through. The Gefen Syner-G™ software's Discovery and Show-Me features simplify initial IP configuration. Each source can be routed to any or all displays, using the front-panel push buttons or the included handheld IR Remote Control. The matrix can also be controlled via RS-232, Telnet, UDP, and Gefen's intuitive and easy-to-use web server interface. An easy-to-read, super-bright OLED front panel display indicates routing status and IP settings.



- 4K Cinema-DCI (4096 x 2160)
- 4K Ultra HD (3840 x 2160)
- 1080p Full HD (1920 x 1080)

Features*

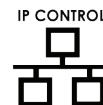
- Routes eight 4K sources to eight displays
- Supports resolutions up to 4K Cinema-DCI (4096 x 2160 at 24 or 30 Hz), 4K Ultra HD (3860 x 2160 at 60 Hz, 4:2:0 color space), 1080p Full HD, and 1920x1200 WUXGA
- HDCP 2.2 and 1.4 compliant
- Supports 12-bit Deep Color (up to 1080p Full HD)
- 3D pass-through
- Lip Sync pass-through
- Push button controls for Routing and Status
- Advanced EDID Management for rapid integration of sources and displays
- Supports LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD Master Audio™
- Supports the use of DVI sources and DVI displays with HDMI-to-DVI adapters (not included)
- RS-232 Serial interface for use with an automation control system
- IP control via Telnet, UDP, and the built-in web server interface
- IR remote control
- Gefen Syner-G™ software's Discovery and Show-Me features simplify initial IP configuration
- Field-upgradeable firmware via web server interface
- Can be placed on a shelf or mounted in a standard 19-inch wide rack

Specifications*

- Maximum Pixel Clock: 300 MHz
- HDMI Input Connectors: (8) Type A 19-pin female, locking
- HDMI Output Connectors: (8) Type A 19-pin female, locking
- RS-232 serial port: (1) DB-9, female
- Ethernet (IP Control) Port: (1) RJ-45
- Display: OLED, 2 rows, 20 characters per row
- Power Button/Indicator: (1) tact-type, bi-color blue/orange backlight
- Control Buttons/Indicators: (7) tact-type, blue backlight
- IR Sensor: (1), located on front panel
- IR In/Ext Port: (1) 3.5mm mini-stereo jack
- IR Extender type: EXT-RMT-EXTIRN (not included)
- DC Power Connector: (1) 4-pin, locking
- Power Supply: 24V DC
- Power Consumption: 39W maximum
- Operating Temperature: +32 to +122 °F (0 to +50 °C)
- Operating Humidity: 5% to 90% RH, non-condensing
- Storage Temperature: -4 to +140 °F (-20 to +60 °C)
- Storage Humidity: 5% to 95% RH, non-condensing
- MTBF: 50000 hours
- Rack mounting requirements: Standard 19" rack, 2U high
- Dimensions (excluding rack ears and connectors, W x H x D):
17.25" x 3.5" x 15.75" (440mm x 89mm x 400mm)
- Net Unit Weight: 20 lbs. (9.0 kg)
- Shipping Weight: 28 lbs. (12.75 kg)



1080P
PROGRESSIVE



Advanced
EDID
Management