

EXT-UHD600A-VWC-14



4K Ultra HD 600 MHz 1x4 Video Wall Controller with Audio De-Embedder



VIDEO WALL CONTROLLER CREATES A PICTURE ON ANY COMBINATION OF UP TO FOUR HI-DEF DISPLAYS

Gefen's 4K Ultra HD 600 MHz Video Wall Controller is the perfect solution for entertainment and digital signage applications in retail outlets, clubs, trade shows, control centers, building lobbies, and other venues where a large, high quality 4K picture is required. It accepts a single 4K 60 Hz 4:4:4 (18 Gbps, 600 MHz TMDS clock) HDCP 2.2

or 1.4 compliant HDMI source, and using its advanced video processing technology divides the picture pixel by pixel and without any extrapolation or approximation, over four equally-sized 1080p Full HD displays. It can also create multiple display configurations using predefined row or column layouts, up to a maximum of four displays installed in vertical or horizontal orientation, or allow complete customization of how the input is cropped and outputted to each screen.

The picture on each display can also be rotated in 90 degree increments, individually or simultaneously. The 4K Ultra

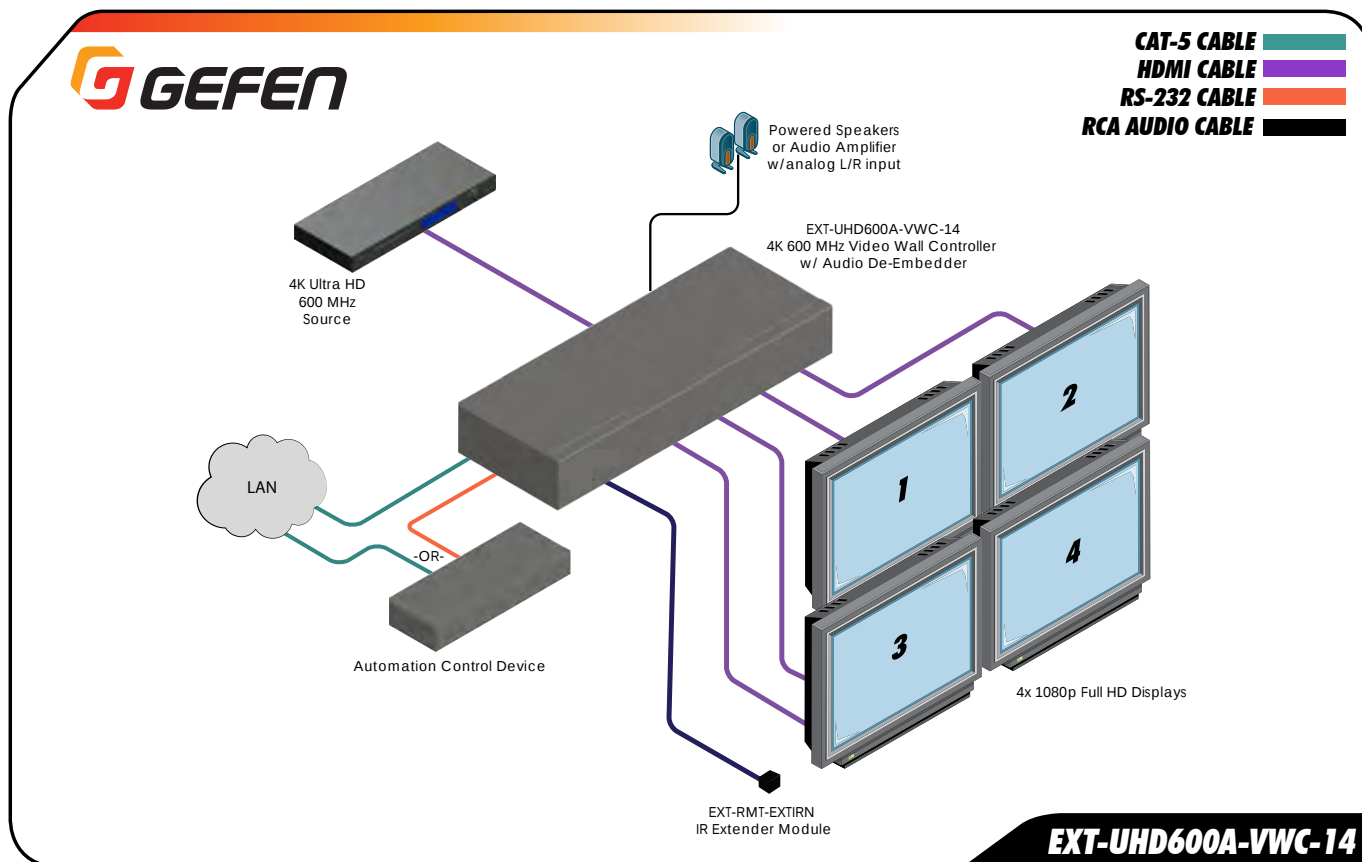
HD Video Wall Controller's versatile bezel compensation ability can accommodate any display bezel width. Analog audio can be de-embedded from the HDMI source and be routed to an outboard sound-reinforcement system, adding presence and impact to AV presentations. The EXT-UHD600A-VWC-14 is controllable via front panel, its handheld IR remote control, RS-232, and IP (web server interface, Telnet, and UDP). An intuitive on-screen Graphical User Interface simplifies system configuration. Its 1U tall enclosure features removable rack ears. It can be mounted in a standard 19-inch wide rack or conveniently be placed on a shelf.

FEATURES*

- Accepts a 4K 600 MHz (60 Hz, 4:4:4) input and creates a pixel-by-pixel 4K Ultra HD picture using four Hi-Def 1080p Full HD displays
- Creates pictures in a row or a column, up to a maximum of four displays installed in vertical or horizontal orientation
- Complete customization of how the input is cropped and outputted to each screen.
- Pictures on each display can also be rotated in 90 degree increments, individually or simultaneously
- Versatile bezel compensation ability can accommodate any display bezel width.
- Analog L/R Audio Breakout for use with outboard amplification systems
- Easy to use on-screen Graphical User Interface (GUI) and web interface
- Handheld IR remote control
- IR sensor on front panel and IR Extender input on back panel
- Controllable via front panel buttons, IR, IP (web interface, Telnet, and UDP), and RS-232
- Field-updatable firmware using the Gefen Syner-G™ software
- Locking power supply connector
- 1U tall rack-mountable enclosure, rack ears included

SPECIFICATIONS*

- Video Input Maximum TMDS Clock: 600 MHz
- Video Input Total Signal Bandwidth/Data Rate: 18 Gbps
- Input resolution: Up to 4K 60 Hz 4:4:4, with HDCP 2.2 and 1.4
- Output resolution: Up to 1080p Full HD (60 Hz), with HDCP 1.4
- Video Input connector: (1) HDMI Type A, 19-pin, female, locking
- Video Output connectors: (4) HDMI Type A, 19-pin, female, locking
- Analog Audio Output connectors: (2) RCA jacks
- RS-232 connector: (1) DB-9, female
- IP Control connector: (1) RJ-45, shielded
- USB Connector: (1) Mini-B
- IR In/Ext Connector: (1) 3.5mm stereo mini-phone jack
- IR Extender type: EXT-RMT-EXTIRN
- Menu Navigation buttons: (6) tact-type, blue backlight
- Power Supply Connector: 3-pin locking plug
- Power Supply: 12V DC
- Power Consumption: 12W Maximum
- IR Remote Battery: 1x CR2025, Lithium
- Operating Temperature: +32 to +122 °F (0 to +50 °C)
- Operating Humidity: 5% to 90% RH, non-condensing
- Storage Temperature: -4 to +185 °F (-20 to +85 °C)
- Storage Humidity: 0% to 95% RH, non-condensing
- MTBF: 50000 hours
- Dimensions (W x H x D, not including connectors):
Without Rack Ears: 15.3" x 1.7" x 8.9" (389mm x 43mm x 226mm)
With Rack Ears: 18.9" x 1.7" x 8.9" (480mm x 43mm x 226mm)
- Unit Weight: 5.4 lbs (2.5 kg)
- Shipping Weight: 10 lbs (4.6 kg)



* Features and specifications are subject to change without notice.

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