

# MMA10G-TRS4K-HDMI

## Standalone 4K/60 HDMI Gateway



CONNECT. COLLABORATE. SHARE RESOURCES. MANAGE.

Evertz' MMA-10G is a network-based AV distribution solution constructed using Evertz' award winning SDVN (Software Defined Video Network) architecture. MMA-10G utilizes a highly reliable 10GE infrastructure for routing video and audio and offers unprecedented scalability and reliability.



### Key Features

- One HDMI 2.0a input and one HDMI 2.0a output
- Resolution up to 4096x2160p @ 60 Hz, 4:4:4 color sampling
- Ultra low latency transport over 10GE links
- Customizable EDID tables
- Full integration with MAGNUM-AV management system
- Remote monitoring capabilities using SNMP protocol
- Web-based configuration



simplifies management and control over the system and allows for simple user control using EvertzAV's virtual control panels and touch friendly graphical user interfaces (VUE) or via third-party control systems.

### Live AV Transport

Using 10Gbps Ethernet the MMA10G-TRS4K-HDMI encapsulates video, audio, HID, and Ethernet control data at the same time. The MMA10G-TRS4K-HDMI supports an HDMI 2.0a 4K (up to 4096x2160p @ 60 Hz, 4:4:4 color sampling) input and output and transports them with ultra low latency over its 10GE links.

### Advanced HDMI 2.0a Interfaces

The MMA10G-TRS4K-HDMI supports one HDMI 2.0a input and one HDMI 2.0a output. Customizable EDID tables and scaling on the output paths insure the smoothest handoff between sources and sinks.

### Remote Monitoring

The MMA10G-TRS4K-HDMI can be remotely monitored via the SNMP protocol using Evertz' award winning VistaLINK Pro NMS software suite. VistaLINK allows a single user from a single workstation complete visibility into the operation of the MMA-10G ecosystem. Users can prevent issues from becoming outages quickly and easily using Evertz' VistaLINK Pro.

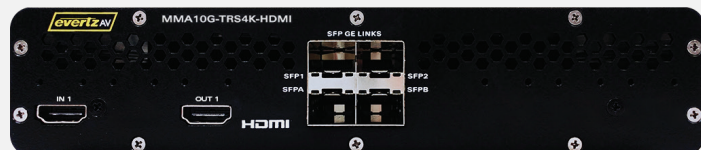
### Standalone 4K Gateway

The MMA10G-TRS4K-HDMI standalone 10GE gateway accepts one HDMI input and one HDMI output. The MMA10G-TRS4K-HDMI is a standalone device which is compact and quiet and can be installed in various in room locations, including behind monitors, and under/inside desks, lecterns, and floor boxes. In addition to one HDMI input and output the MMA10G-TRS4K-HDMI also accepts a discrete audio input and output.

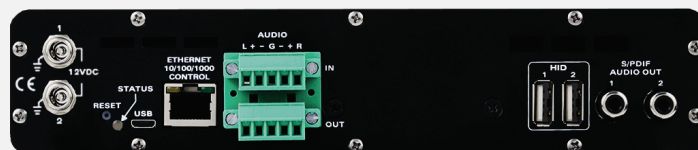
### Fully integrated with Evertz' MAGNUM-AV Controller

MMA10G-TRS4K-HDMI is a managed element of the MMA-10G network which is controlled by MAGNUM-AV. MAGNUM-AV

Front



Rear



av.evertz.com

Contents Subject to Change  
Rev. 11

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# MMA10G-TRS4K-HDMI

## Standalone 4K/60 HDMI Gateway



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### Specifications

Video Inputs	1 HDMI 2.0a
Video Outputs	1 HDMI 2.0a
Supported Resolutions	Up to 4096x2160p @ 60 Hz (4:4:4 color sampling)
Audio Inputs	1 stereo balanced analog (terminal header)
Audio Input Impedance	High impedance
Audio Input Level	Line level (+4dBu)
Audio Outputs	1 stereo balanced analog (terminal header) 2 S/PDIF
Audio Output Impedance	600 $\Omega$
Audio Output Level	Line level (+4dBu)
USB	2 HID device ports (type A) 1 HID host port (micro type B)
Control Port (Out-of-Band)	10/100/1000 BASE -T RJ45 Ethernet Port (IEEE 802.3)
Transport Port	2x SFP+ cages (see available accessories)
10G Redundancy	Yes
Output Scaling	Yes
HDMI Audio	LPCM (up to 8 channels) Passthrough support for Dolby Digital <sup>®</sup> /AC-3, Dolby Digital EX, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS <sup>®</sup> , DTS-ES, DTS-HD High Res, DTS-HD Master Audio, DTS:X
SNMP Support	Yes
In-Band Control	Yes
Control System	MAGNUM-AV
Web-Based Configuration	Yes
Security Compliance	Compliant with applicable DoD Network Devices Security Technical Implementation Guide (STIG) findings
DC Input Voltage	12VDC via supplied power adapter
Power Supply	100 -240V / 47-63Hz AC input; 12VDC / 5A output
Power Consumption	30W
Operating Temperature	32° to 104° F (0° to 40° C)
Relative Humidity	10% to 90% RH (non-condensing)
Dimensions (H x W x D)	1.81 in x 8.25 in x 6.56 in (45.97mm x 209.55mm x 166.62mm)
Weight	32 oz (907.19 g)

### Ordering Information

MMA10G-TRS4K-HDMI	Standalone 4K/60 HDMI gateway: HDMI input or output, audio, HID USB, and Ethernet
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### Available Accessories

MMA10G-SFP-TR85	SFP+, 10GE, 850nm, MMF, 50/125, LC/LC
MMA10G-SFP2-TR13	SFP+, 10GE, 1310nm, SMF, 9/125, LC/LC, 10Km
MMA10G-SFP-SFP-MM3	3m SFP+ to SFP+ fiber patch cable, 10GE, AOC, 850nm
3405PS-6HO	Six output primary and redundant auto-ranging power supply, 100V – 240V AC at 50/60Hz

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