MAGNUM-AV
AV System Controller

MMA10G
NETWORK BASED AV DISTRIBUTION

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.

MAGNUM-AV Web-Based UI

MAGNUM-AV is Evertz' SDVN control system and performs orchestration over the MMA–10G system allowing for unprecedented scalability. MAGNUM-AV maps the entire MMA–10G system and communicates with each element to provide the real-time reliable control required in an AV distribution system. MAGNUM-AV is the unifying control point in the MMA–10G system where all control surfaces communicate with MAGNUM to provide routing and system control.

Unprecedented Scalability

The MAGNUM-AV system controller comes in two configurations depending on your specific needs. The MAGNUM-AV-PRO2 solution provides scalable system/device support for up to four MMA10G-IPX-64s or two MMA10G-IPX-128s, 256 edge devices, and 30 clients. For implementations exceeding the system/device support specifications of the MAGNUM-AV-PRO2, the MAGNUM-AV-ENT/MAGNUM-HW solution is available.

Seamless Re-Configuration and Resiliency

MAGNUM-AV provides targeted configuration changes with minimal impact on the overall system (i.e. no system downtime). For added resiliency, MAGNUM-AV's robust embedded Linux OS supports a multi-node auto failover.
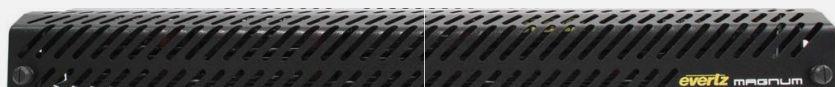
Easy to Use Interface

MAGNUM-AV offers an elegant graphical web-based user interface for simple setup and control. MAGNUM-AV provides advanced graphical features including the display of intuitive maps to show the overall system interconnectivity.

MAGNUM-AV-PRO2

MAGNUM-HW

Specifications

	MAGNUM-AV-PRO2	MAGNUM-HW
LAN	Gigabit, 2 x RJ45 ports 1 x RJ45 dedicated IPMI LAN port	Gigabit, 4 x RJ45 ports 1 x RJ45 dedicated IPMI LAN port
USB	2x USB rear ports	2x USB rear ports
VGA	1x VGA port	1x VGA port
LEDs	Power	Power Hard drive activity 2 x network activity System overheat Universal Information (UID)
Buttons	Power on/off System reset UID	Power on/off System reset UID
System Cooling	3 x cooling fans	4 x cooling fans 1 x air shroud
Power Consumption	250W	600W
Connector	IEC 60320	IEC 60320
Voltage	100-240V / 50-60Hz auto-ranging	100-240V / 50-60Hz 7.5-3A
Operating Temperature	50˚ to 95˚ F (10˚ to 35˚ C)	50˚ to 95˚ F (10˚ to 35˚ C)
Non-Operating Temperature	-40˚ to 140˚ F (-40˚ to 60˚ C)	-40˚ to 158˚ F (-40˚ to 70˚ C)
Relative Humidity	8% to 80% (non-condensing)	8% to 90% (non-condensing)
Non-Operating Relative Humidity	20% to 95% non-condensing)	5% to 95% (non-condensing)
Dimensions (H x W x D)	1.75in x19in x 10.1in (44mm x 482mm x 257mm)	1.7in x 17.2in x 19.98in (43.18mm x 437mm x 508mm)

Ordering Information

MAGNUM-AV-PRO	1RU hardware plus MAGNUM software bundle (support for up to four MMA10G-IPX-64s or two MMA10G-IPX-128s, 256 edge devices)
MAGNUM-AV-ENT	MAGNUM-AV enterprise software (for implementations exceeding the system/device support specifications of the MAGNUM-AV-PRO2) Requires MAGNUM-HW
MAGNUM-HW	1RU enterprise class server

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Contents Subject to Change
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