

# MMA10G-IPX Series

## High Bandwidth 10GE Switch Fabric



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.



### Reliable and Deterministic Routing

The MMA10G-IPX 10GE switch fabric has been developed for high bandwidth, low latency AV routing with deterministic control, essential for routing high resolution video and audio.

### True Wire Rate 10Gbps Ethernet Ports

Using 10Gbps Ethernet ports the MMA10G-IPX offers true wire rate port speeds with zero contention at maximum bandwidth. The MMA10G-IPX employs SFP+ technology and therefore can support either 10GE fiber, 10GE copper, or 1GE copper at each port. The MMA10G-IPX is a hot swappable device, which allows for the hardware to be replaced without having to re-cable, saving hours of downtime.

### Scalable and Future-Proof

The MMA10G-IPX series is available in three sizes: 16, 32, or 64 port models. The MMA10G-IPX offers unmatched switch fabric bandwidth with up to 1.2Tb/s data throughput.

### Fully integrated with Evertz MAGNUM-AV

Traditional control surfaces such as graphical user interfaces and hard button panels can all be used to control the MMA-10G network infrastructure.

### Simple and Secure Networking

The MMA10G-IPX provides secure, worry-free networking with configurable access via MAGNUM. Only authorized devices and traffic are permitted on the network using MAGNUM's access control. The MMA10G-IPX has been tailored to support video and audio transport traffic removing many network protocols, the MMA10G-IPX will not perpetuate unwanted network traffic without consent from the MAGNUM controller.

### NIAP Listed and Common Criteria Certified

EvertzAV's MMA-10G-IPX is available as a National Information Assurance



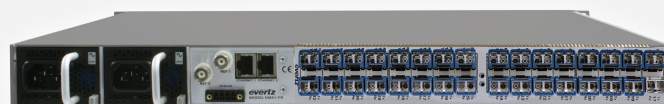
Partnership (NIAP) listed and Common Criteria certified series of products. The evaluation for the MMA10G-IPX, was carried out in accordance with the Common Criteria Evaluation and Validation Scheme (CCEVS). The criteria against which the MMA10G-IPX was evaluated are described in the Common Criteria for Information Technology Security Evaluation, Version 3.1 Rev 4. For more information about NIAP and Common Criteria certification, visit the NIAP and Common Criteria websites.

\*Note: IPX module and frame sold separately.  
Refer to Available Accessories for frame options.

MMA10G-IPX-16



MMA10G-IPX-32



MMA10G-IPX-64



av.evertz.com

Contents Subject to Change  
Rev. 05

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### Specifications

	MMA10G-IPX-16	MMA10G-IPX-32	MMA10G-IPX-64
Ports	16 10GE/1GE SFP+ ports	32 10GE/1GE SFP+ ports	64 10GE/1GE SFP+ ports
Latency	2.5 us	2.5 us	2.5 us
Routable Multicasts	64	128	256
Control Protocols	SNMP and Quartz/Synergy	SNMP and Quartz/Synergy	SNMP and Quartz/Synergy
Control System	MAGNUM-AV	MAGNUM-AV	MAGNUM-AV
Control Interface	Ethernet control port via EMX-FC	Ethernet control port via EMX-FC	Ethernet control port via EMX-FC
Rack Units	1RU (EMX1-FR)	1RU (EMX1-FR)	3RU (EMX3-FR)
Number of Slots	2 slots	2 slots	4 slots
Power	60 W	80 W	120 W

### Ordering Information

MMA10G-IPX-16	16x10GE port switch fabric
MMA10G-IPX-32	32x10GE port switch fabric
MMA10G-IPX-64	64x10GE port switch fabric
Common Criteria Certified Models	Contact your local sales representative for available models and purchasing options

### Available Accessories

EMX1-FR	1RU frame (2 slots), requires FC
+PS	Redundant PS for EMX1-FR
EMX3-FR	3RU frame (5 slots), requires FC
+PS	Redundant PS for EMX3-FR
EMX6-FR	6RU frame (15 slots), requires FC
EMX6-PS	Redundant PS for EMX6-FR
EMX-FC	Frame controller for all EMX frames

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