

MMC

Modular Media Converter



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RGB Modular Media Converter

RGB's Modular Media Converter (MMC) delivers the industry's highest density solution for ASI-to-Gigabit Ethernet conversion. Based on RGB's flexible, scalable and modular platform, the MMC expedites deployments of advanced video services over IP, simplifies operation and management, and reduces operational and capital costs.

Simplified and Cost-Efficient ASI-to-GigE Conversion

- Based on RGB's flexible Video Intelligence Architecture™ (VIA), the MMC facilitates the transition to Gigabit networks.
- The first product capable of converting up to 24 ports of ASI to Gigabit Ethernet.
- High density enables centralized management of all services.
- Simplified graphical user interface improves manageability.

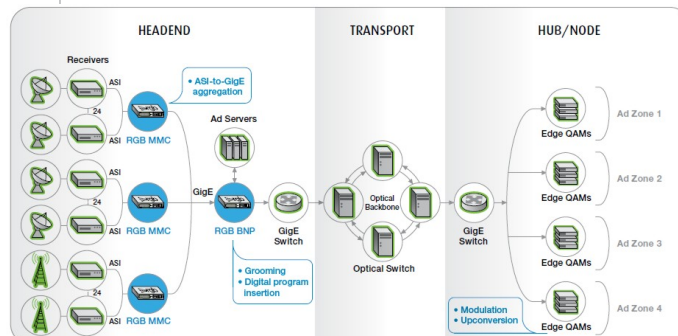
An ideal solution for environments with existing ASI interfaces, the MMC supports routing and conversion of any ASI input to any Gigabit Ethernet output port. The MMC accepts any standard definition (SD) or high definition (HD) MPEG-2 transport streams carrying MPEG-2, MPEG-4 H.264/AVC or VC-1 compressed programs. A single MMC chassis supports up to 24 ASI ports using four ASI modules and up to eight Gigabit Ethernet ports.

The MMC supports output port redundancy where any single ASI input port can be mirrored across several Gigabit Ethernet output ports. The MMC will pass through all tables including those compliant with MPEG, DVB and ATSC standards.

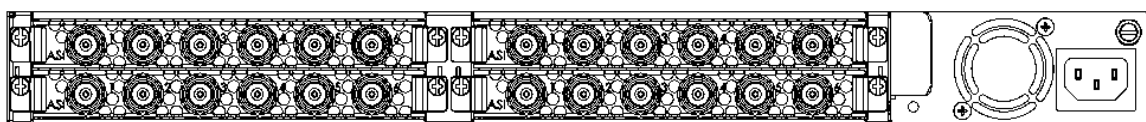
The MMC's modular and flexible architecture provides scalability designed to grow with each operator's changing environment. The MMC is fully MPEG-2-compliant and interoperable with leading cable industry equipment.

RGB's MMC is configurable through an easy-to-use, web-accessible graphical user interface or through SNMP using standard network management applications.

Perform simple ASI-to-GigE conversion



Modular Media Converter



RGB MMC Rear View

RGB MMC Specifications

INPUT/OUTPUT INTERFACES	
ASI	Up to 24 ASI ports per chassis Up to 4 ASI modules with 6 ASI ports each Software configurable as input or output 213 Mbps data rate/port
Gigabit Ethernet	8 SFP interfaces – copper or optical
Fast Ethernet	1 10/100BaseT control and management interface
ASI-TO-GIGABIT ETHERNET CONVERSION	
	DVB-ASI to Gigabit Ethernet conversion Pass-through of all tables including MPEG, DVB and PSIP tables
VIDEO FORMATS	
MPEG	All MPEG-2 transport streams carrying MPEG-2, MPEG-4/H.264 and VC-1 compressed programs MPTS, SPTS, multicast and unicast support CBR and VBR support
SD and HD Resolutions	All NTSC and PAL resolutions (transparent)
AUDIO FORMATS	
	All audio formats (transparent)
REGULATORY COMPLIANCE	
Safety	CE
Electro Magnetic	UL, TUV/GS, cTUVus FCC Part 15, Class A, EN55022, EN55024
ELECTRICAL/MECHANICAL	
Input Power	AC: 100-127 VAC @ 1.4A to 200-240 VAC @ 0.8A DC: 48VDC @ 3.5A (range 36-75VDC)
Line Frequency	50-60 Hz
Power Consumption	170 W – fully loaded
Dimensions	1 rack unit – 1.75" H x 19" W x 23" L (43.6 H x 433 W x 583 L mm)
Weight	< 30 lbs. (11.34 kg)
Cooling	Front to back
ENVIRONMENTAL	
Storage Temperature	-40° to 70°C
Operating Temperature	0° to 40°C
Humidity	5% to 95% (non-condensing)