OVERVIEW
The DMG 1200 family is a series of high-density transport stream gateways for IP and ASI applications. Featuring up to four gigabit Ethernet interfaces and sixteen ASI ports, the DMG 1200 family is ideal for solving the interconnection problems operators face in today’s evolving video delivery environment.

APPLICATIONS
- **Dense IP to ASI / ASI to IP Conversion**
  - Up to 16 Channels per 1RU
- **IP Network Filtering/Bridging**
  - Retransmission of up to 32 streams on a separate physical network, on different multicast groups
- **Multicast to Unicast Conversion**
  - Re-encapsulation of an MPEG transport stream from unicast to multicast or multicast to unicast.

KEY FEATURES
- Reliably connect legacy ASI devices to IP networks
- Up to two independent platforms in 1RU, each featuring:
  - Two Gigabit Ethernet ports for MPEG TS I/O
  - Four bi-directional ASI I/O ports
  - Four directional ASI ports (either inputs or outputs)
- Hot-swappable, redundant, load-sharing power supplies
- Easy-to-use web interface
- Full control, status, and alarm monitoring via SNMP

SPECIFICATIONS

**ASI INPUTS AND OUTPUTS**
- **Connector:** Up to 8x BNCs per Platform (Up to two platforms in 1RU)
- **Impedance:** 75Ω
- **Packet format:** 188 bytes per packet
- **TS Bitrate:** 500 Kbps to 213 Mbps
- **Output TS Type:** SPTS or MPTS (follows input)

**IP INPUTS AND OUTPUTS**
- **Connector Type:** 2x RJ45 10/100/1000 per Platform (Up to two platforms in 1RU)
- **Input Formats:** UDP or RTP
- **Output Format:** UDP
- **IP Encapsulation:** 1 to 7 TS packets per IP packet
- **Addressing:** Unicast and Multicast
- **IGMP compatibility:** Version 1, 2 & 3
- **Per TS Bitrate:** 500 Kbps to 213 Mbps
- **Output TS Type:** SPTS or MPTS (follows input)

**MANAGEMENT**
- **Connector:** RJ-45 10/100 - Auto Negotiating
- **Protocols:** HTTP and SNMP
- **User Interfaces:** Full control via web GUI
- **Automation Interfaces:** Basic setup/status via front panel
- **SNMP traps on alarms:** Full status and control via SNMP
- **SNMP access to main GUI:** Web services

**DIMENSIONS/POWER**
- **Height:** 1 RU, 1.75” (5cm)
- **Width:** 17.4” (44.2 cm)
- **Depth:** 23” (58 cm)
- **Power:** 100-240 VAC 50/60 Hz
- **Supply Type:** Dual, hot-swappable, redundant load-sharing power supplies