PRODUCT OVERVIEW

# ENCAPSULATOR & RECEIVERS

| | CMR-6000<br>Media Router 6000 | CMR-5975<br>Media Router S2 Receiver | CMR-5995<br>Media Router S2 ASI |
|---|---|---|---|
| |  |  |  |
| **Inputs & Outputs** | • Configured via FAST codes<br>• L-Band satellite input<br>• ASI input<br>• ASI output<br>• Fast Ethernet output | • L-Band satellite input<br>• 10/100BaseT Ethernet output | • L-Band satellite input<br>• ASI input<br>• ASI output<br>• 10/100BaseT Ethernet output |
| **Platform** | • Next generation 1RU hardware platform<br>• Embedded CPU and eCOS operating system | • Desktop platform<br>• Embedded CPU and eCOS operating system | • Desktop platform<br>• Embedded CPU and eCOS operating system |
| **Configuration & Management** | • Front panel keypad/LCD/LED user interface<br>• Terminal, HTTP or Telnet<br>• SNMP MIB II & Private MIB | • Terminal, HTTP or Telnet<br>• SNMP MIB II & Private MIB with v1 traps<br>• Front panel LED indicators | • Terminal, HTTP or Telnet<br>• SNMP MIB II & Private MIB<br>• Front panel LED indicators |
| **Key Features** | • Provides unprecedented versatility<br>• Receiver – Enables the reception of DVB-S/S2 transport streams and IP-based multimedia content to be delivered over satellite or high-speed ASI links and distributed to remote devices<br>• Combiner/Multiplexer – allows content received from satellite and local ASI to be multiplexed in to a single MPEG-2 transport stream and output over the ASI or Ethernet<br>• Filter – filters content by PIDs from one or both streams before multiplexing<br>• Routes video to IP – received on the satellite and/or ASI input and output an IP stream<br>• Supports MPE & MPEG-2 TS<br>• 1:1 redundancy | • Enables the reception of DVB-S and DVB-S2 IP-based multimedia content to be delivered over satellite and distributed to remote devices connected to the MR-S2 via an Ethernet LAN<br>• Supports DVB-S and DVB-S2<br>• 1:1 redundancy | • Enables the reception of DVB-S and DVB-S2 transport stream and IP-based multimedia content to be delivered over satellite and distributed to remote devices connected to the MR-S2 via an Ethernet LAN, ASI or both<br>• Supports DVB-S and DVB-S2 |
| **Typical Applications** | • Multiplexing local content with incoming satellite content<br>• Filter PIDS on L-Band and/or ASI interface<br>• Fast Internet / intranet<br>• Streaming audio / video<br>• IP multicasting<br>• Business TV, training, e-learning or live events<br>• Multicast file transfer | • Fast Internet / intranet<br>• Streaming Audio / Video<br>• IP Multicasting<br>• Business TV, training, e-learning or live events<br>• Multicast file transfer<br>• Support for point-to-point Unicast transfer<br>• Supports transport stream over IP | • Combining local content with incoming satellite content via ASI interface<br>• Filter PIDS on L-Band and/or ASI interface<br>• Fast Internet / intranet<br>• Streaming Audio / Video<br>• MPEG-TS to IP for confidence monitoring<br>• Business TV, training, e-Learning or live events<br>• Multicast file transfer<br>• Support for local content insertion |

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PRODUCT OVERVIEW

# ENCAPSULATOR & RECEIVERS

| | CMR-8500<br>IP Encapsulator<br>  |
|---|---|
| **Inputs & Outputs** | • 2 Gigabit Ethernet inputs<br>• Dual ASI outputs |
| **Platform** | • Next generation 1RU hardware platform<br>• Embedded CPU and eCOS operating system |
| **Configuration & Management** | • Front panel keypad/LCD/LED user interface<br>• Terminal, HTTP or Telnet<br>• SNMP MIB II & Private MIB with traps |
| **Key Features** | • Encapsulates IP data into MPE format for distribution over DVB, DVB-S & DVB-S2, networks<br>• 80,000 simultaneous routes<br>• Network throughput up to 155 Mbps<br>• Aggregate processing of 140,000 pps<br>• CCM operation over ASI<br>• Multicast & unicast routing<br>• Enable/disable transmit per route<br>• MPE section packing on a per-route basis to conserve bandwidth<br>• QoS on a per-route basis<br>• 802.1q support (VLAN Tags)<br>• High speed processing<br>• Easy to configure<br>• Custom optimization of section packing<br>• Supports MPE & MPEG-2 TS<br>• Configurable in real-time<br>• Software upgradeable<br>• 8,192 PIDs supported<br>• Default route support<br>• 1:1 redundancy |
| **Typical Applications** | • IPTV<br>• Digital Cinema<br>• Fast Internet / intranet<br>• Streaming audio / video<br>• IP Multicasting<br>• Business TV, training, e-learning, live events<br>• Multicast file transfer<br>• Point-to-point Unicast transfer |

**CMR-6000**

**CMR-8500**

**CMR-5975**

**CMR-5995**