





PRODUCT OVERVIEW

ENCAPSULATOR & RECEIVERS

	CMR-6000 Media Router 6000 	CMR-5975 Media Router S2 Receiver 	CMR-5995 Media Router S2 ASI 
Inputs & Outputs	<ul style="list-style-type: none"> Configured via FAST codes L-Band satellite input ASI input ASI output Fast Ethernet output 	<ul style="list-style-type: none"> L-Band satellite input 10/100BaseT Ethernet output 	<ul style="list-style-type: none"> L-Band satellite input ASI input ASI output 10/100BaseT Ethernet output
Platform	<ul style="list-style-type: none"> Next generation 1RU hardware platform Embedded CPU and eCOS operating system 	<ul style="list-style-type: none"> Desktop platform Embedded CPU and eCOS operating system 	<ul style="list-style-type: none"> Desktop platform Embedded CPU and eCOS operating system
Configuration & Management	<ul style="list-style-type: none"> Front panel keypad/LCD/LED user interface Terminal, HTTP or Telnet SNMP MIB II & Private MIB 	<ul style="list-style-type: none"> Terminal, HTTP or Telnet SNMP MIB II & Private MIB with v1 traps Front panel LED indicators 	<ul style="list-style-type: none"> Terminal, HTTP or Telnet SNMP MIB II & Private MIB Front panel LED indicators
Key Features	<ul style="list-style-type: none"> Provides unprecedented versatility 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 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 Filter – filters content by PIDs from one or both streams before multiplexing Routes video to IP – received on the satellite and/or ASI input and output an IP stream Supports MPE & MPEG-2 TS 1:1 redundancy 	<ul style="list-style-type: none"> 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 Supports DVB-S and DVB-S2 1:1 redundancy 	<ul style="list-style-type: none"> 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 Supports DVB-S and DVB-S2
Typical Applications	<ul style="list-style-type: none"> Multiplexing local content with incoming satellite content Filter PIDS on L-Band and/or ASI interface Fast Internet / intranet Streaming audio / video IP multicasting Business TV, training, e-learning or live events Multicast file transfer 	<ul style="list-style-type: none"> Fast Internet / intranet Streaming Audio / Video IP Multicasting Business TV, training, e-learning or live events Multicast file transfer Support for point-to-point Unicast transfer Supports transport stream over IP 	<ul style="list-style-type: none"> Combining local content with incoming satellite content via ASI interface Filter PIDS on L-Band and/or ASI interface Fast Internet / intranet Streaming Audio / Video MPEG-TS to IP for confidence monitoring Business TV, training, e-Learning or live events Multicast file transfer Support for local content insertion

2114 West 7th Street, Tempe, Arizona 85281 USA
 Voice 1 480 333 2200
 Fax 1 480 333 2540
 Email sales@comtechefdata.com
 Web www.comtechefdata.com

ENCAPSULATOR & RECEIVERS

	CMR-8500 IP Encapsulator 
Inputs & Outputs	<ul style="list-style-type: none"> • 2 Gigabit Ethernet inputs • Dual ASI outputs
Platform	<ul style="list-style-type: none"> • Next generation 1RU hardware platform • Embedded CPU and eCOS operating system
Configuration & Management	<ul style="list-style-type: none"> • Front panel keypad/LCD/LED user interface • Terminal, HTTP or Telnet • SNMP MIB II & Private MIB with traps
Key Features	<ul style="list-style-type: none"> • Encapsulates IP data into MPE format for distribution over DVB, DVB-S & DVB-S2, networks • 80,000 simultaneous routes • Network throughput up to 155 Mbps • Aggregate processing of 140,000 pps • CCM operation over ASI • Multicast & unicast routing • Enable/disable transmit per route • MPE section packing on a per-route basis to conserve bandwidth • QoS on a per-route basis • 802.1q support (VLAN Tags) • High speed processing • Easy to configure • Custom optimization of section packing • Supports MPE & MPEG-2 TS • Configurable in real-time • Software upgradeable • 8,192 PIDs supported • Default route support • 1:1 redundancy
Typical Applications	<ul style="list-style-type: none"> • IPTV • Digital Cinema • Fast Internet / intranet • Streaming audio / video • IP Multicasting • Business TV, training, e-learning, live events • Multicast file transfer • Point-to-point Unicast transfer



CMR-6000



CMR-8500



CMR-5975



CMR-5995