



**Overview**

The Media Router S2-ASI (CMR-5995) enables the reception of DVB-S and DVB-S2 transport stream and IP-based multimedia (video, audio and data) content to be delivered over satellite and distributed to remote devices connected to the MR-S2 via an Ethernet LAN ASI or both. The MR-S2 is unique, since it provides DVB-S2 and ASI receive, MPEG-TS to IP, ASI filtering/combining streams in one package.

**Features**

- DVB-S and DVB-S2
- L-Band satellite input
- 1 ASI input
- 1 ASI output
- 10/100Base-T Ethernet output

**Reliable Operations**

- No hard drive – All firmware boots from Flash resulting in no moving parts
- High availability product
- Embedded CPU and eCOS operating system

**Ease of Use**

- Configuration options: Terminal, HTTP or Telnet
- SNMP LD Private MIB
- Update private MIB for proactive monitoring of device

**Investment Protection**

- Upgrade firmware individually via TFTP

**Compliance**

- DVB-S (ETSI 300 421)
- DVB-S2 (ETSI EN 302 307)
- DVB Data Broadcasting (ETSI EN 301 192)
- ATSC Data Broadcasting (A/90)
- PSI Processing (ISO/IEC 13818-1)
- SI Processing (ETSI EN 300 468)
- ASI Interface (EN 50083-9)
- 10/100Base-T Ethernet (IEEE 802.3u)
- RoHS Compliant

**Display LEDs**

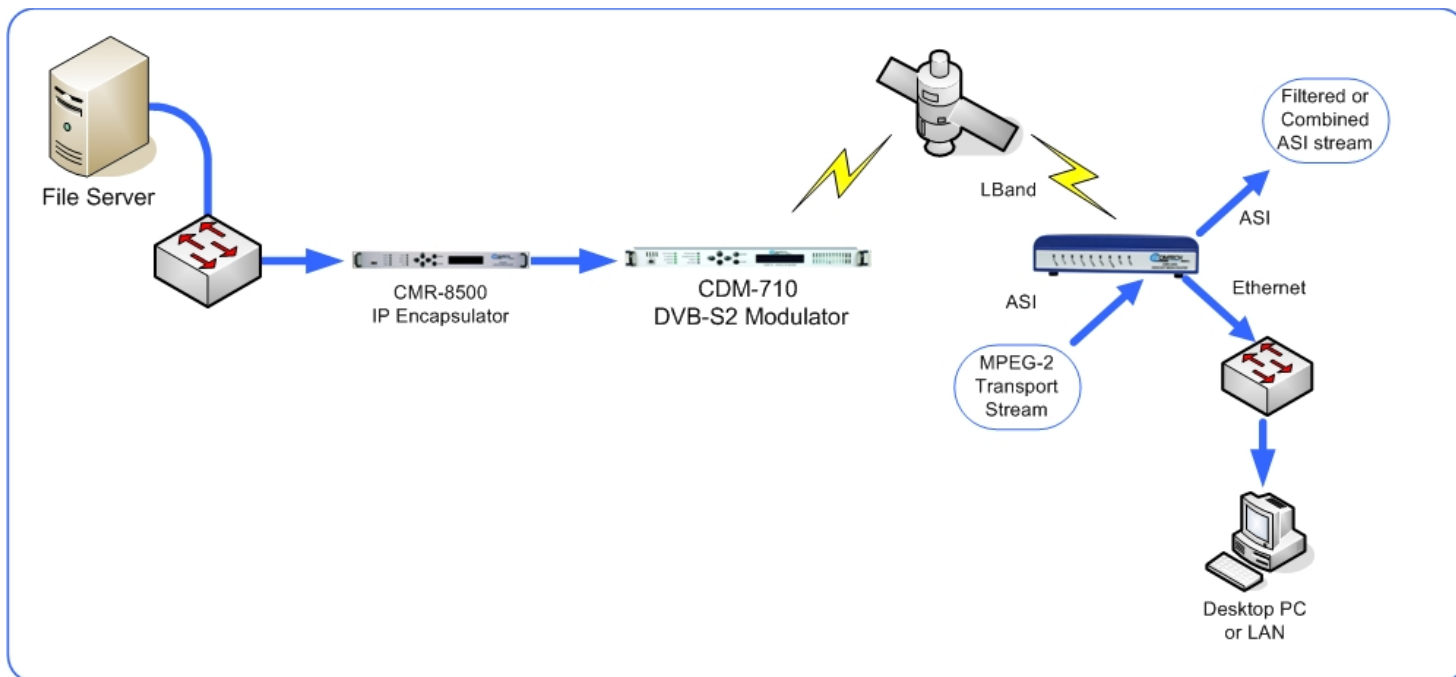
- Power (Blue)
- Ethernet Activity (Green)
- Ethernet Link (Green)
- Carrier Lock (Green)
- Alarm (Red)

**Typical Users**

- Video Distribution Service Providers
- ISPs
- Advertisement Agencies

**Common Applications**

- 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
- Local content insertion



## Specifications

### Physical & Power

Dimensions (height x width x height)	1.75" x 7.25" x 8.13" (4.45 x 18.42 x 20.65 cm)
Power consumption	25.0 W maximum
Input voltage	Universal 100-240 VAC 47Hz-63Hz desktop power supply to 5 VDC @ 5.0 A

### Environment

Operating temperature	0° to 40°C
Storage temperature	-30° to 65°C
Humidity	10% to 75% non-condensing

### Connectors

RJ-45	10/100Base-T Ethernet interface (IEEE 802.3u)
F-Type	L-Band input
BNC	1 ASI TX 1 ASI RX
RJ-12	Terminal (RS-232) Aux port for serial control

### Operating Range

L-Band input frequency	950 to 2150 MHz
L-Band input power	-65 to -25 dBm
Support for DVB-S	2 to 45 Msp FEC: 1/2, 2/3, 3/4, 5/6, 7/8
Support for DVB-S2	2 to 32 Msp FEC: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 QPSK and 8-PSK operation

### Optional Equipment

Rack Mount Shelf - TR-1600
1RU 19" rack-mount shelf can house one or two CMR-5995 units



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