



GENERAL HIGHLIGHTS

The Media Router 422 Gateway (CMR-5910) enables IP-based multimedia (video, audio and data) content to be delivered over a high-speed RS-422 link and distributed to remote devices connected to the unit via an Ethernet LAN. This device connects to the head end of the Digicipher System.

The Media Router 422 Gateway provides an inexpensive upgrade path for deployment of an overlay distribution network across widely dispersed remote locations.

FEATURES

- Ethernet to HDLC over RS-422 and HDLC over RS-422 to Ethernet delivery over legacy networks
- Support for legacy networks:
 - Motorola Digicipher II
 - Scientific Atlanta PowerVu

RELIABLE OPERATIONS

- No hard drive. All software boots from flash resulting in no moving parts
- High availability product
- Embedded CPU and eCOS operating system
- Support for redundancy switchover capability for continuous non-interruptive service during alarm condition or failure—Future/Option
- Over 100,000 hours MTBF

EASE OF USE

- Remote network management using PC-based Remote Commander application
- Configuration options: Terminal, HTTP or Telnet
- SNMP MIB II & private MIB
- Upgrade software individually via TFTP

APPLICATIONS

- IP Multicasting
- Fast Internet / intranet
- Streaming audio / video
- Business TV, training, e-learning, or live events
- Multicast file transfer
- Support for point-to-point Unicast transfer

INVESTMENT PROTECTION

- Upgrade software individually via TFTP

COMPLIANCE

- HDLC over RS-422
- Ethernet: IEEE 802.3u

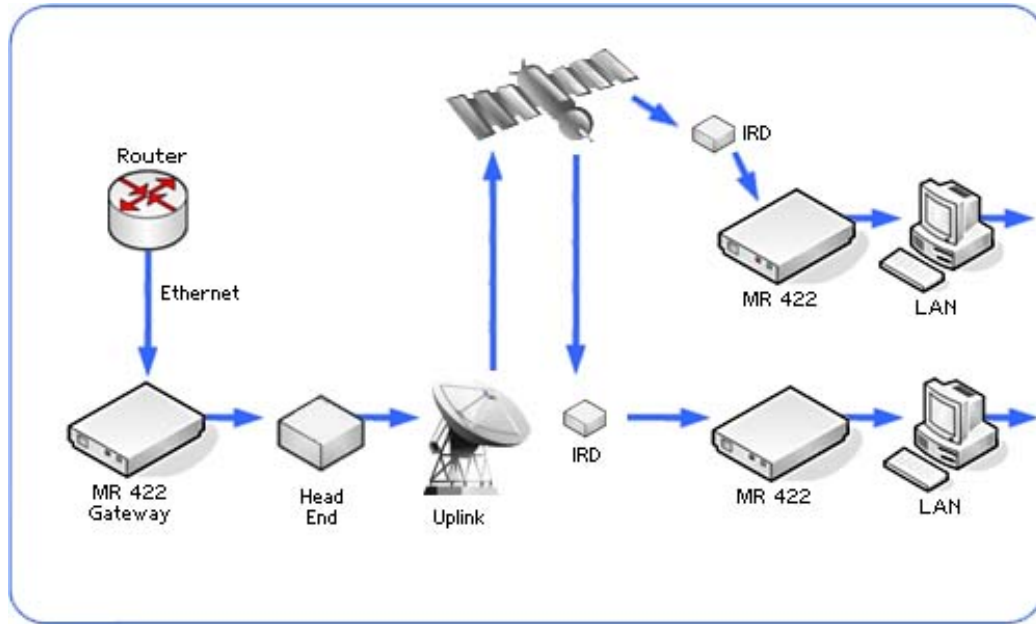
HDLC CONVERSION

- Built in support for Unicast and Multicast via HDLC
- Support for up to 32 HDLC addresses for internal distribution

DISPLAY LEDs

- Power (Blue)
- Ethernet Activity (Yellow)
- Ethernet Link (Green)
- HDLC Activity (Green)
- Alarm (Red)

Media Router 422 Gateway



PERFORMANCE

- Up to 15 Mbps (1,500 byte IP packets)

PHYSICAL & POWER

- 1 RU High
- Length=8 1/8"
- Width= 7 1/4"
- Height= 1 3/4"
- Power consumption: 6.3 W Max
- Input voltage: Universal 100-240VAC 47Hz-63Hz
desktop power supply to 5VDC @ 2.5 A

ENVIRONMENT

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

CONNECTORS

- 10/100BaseT Ethernet interface (IEEE 802.3u)
- DB-15: RS-422 TX/RX interface
- RJ-11: Terminal (RS-232)
- RJ-11: Redundancy (RS-232)

OPTIONAL EQUIPMENT

- Rack Mount Shelf: (TR-1600)
 - 1 RU 19" rack-mount shelf can house one or two CMR-5910 units

