

Patent Pending

Radiant Communications is pleased to announce our latest innovation for head-end consolidation: Remote monitoring of your entire channel lineup over your existing local area network (LAN).

The RMI 100 series enables transmission of high quality video signals over existing IP networks. This is an extremely flexible system with a number of features, including: four selectable video inputs (only one can be viewed at a time); bi-directional audio; multiple data and contact closures for controlling various devices at the remote hub site. The encoder operates with a scaleable bandwidth from 30 Kbs to 4Mbs, so that it will not congest your network. However, for critical applications, the video packets can be tagged for prioritization (QoS). At the central location, the video can be viewed on a PC with PC Vision software. The RMI 100 series is standards based so that it will work in any IP system. It is now available with MPEG4 quality video.

DESCRIPTION

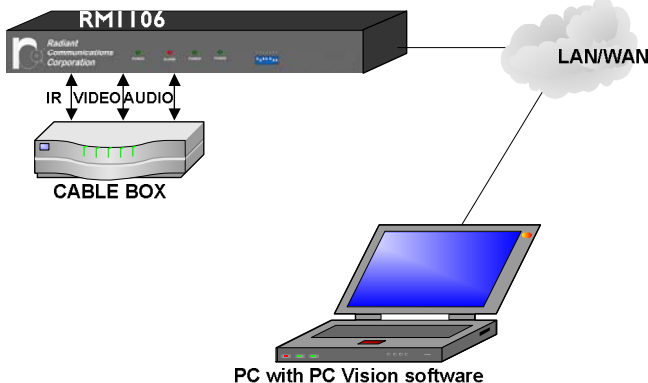
▶ RMI 106 CATV Monitoring System

▶ BENEFITS

- Diagnose problems remotely without truck rolls
- Monitor AD Sales Channels from multiple zones all at one time
- Monitor multiple hub locations within your network at one time

▶ FEATURES

- Expandable system: Add additional sites easily at any time.
- Works on intranets & internet
- Monitor Left and Right Audio
- Now MPEG4



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▶ RMI106

SPECIFICATIONS

Video

System: NTSC/PAL
Level: 1Vp-p
I/O Level: 75 Ohms

Video Codec

User configurable bit rate
User configurable quality
Up to 30fps
MPEG4

Audio

Type: Line In/Out
Input/Output Signal Level: -46 to -3dBV In @ 1kohms
-46 to -3dBV Out @ 16kohms
SNR: 77dB

Data I/O

One data port—RS232, RS422, RS485 (user selectable)
One contact input
One relay output

Network

IEEE802.3
Protocols: Multicast, UDP, IP TCP, DHCP
Bandwidth: 30kbs to 4 Mbs

General Characteristics

Power: 10W @ 90 to 240V AC
Operating Temp: 0° to 50° C
Storage Temp: -20° to 70° C
Size: 17.0" W x 13.0D x 1.75" H

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
RMI106-T	1 Video/2 Audio to IP encoder (MPEG4)
RMI106/4-T	4 Video/2 Audio to IP encoder (MPEG4)
RMI100-SL	Software License

Notes:

1. For every encoder ordered one free software license is included
2. RMI106/4-T is an option with four video inputs. This is for viewing up to three CCTV cameras plus the Set Top Box; however only one video can be viewed at the time



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