RM8000

Video Monitoring Gateway

STB

VividCore RM1100 Series

LIVE FEED

VividEdge VL4500 Series

Network

IP Video Streams
SRT, UDP, DASH, HLS

USERS

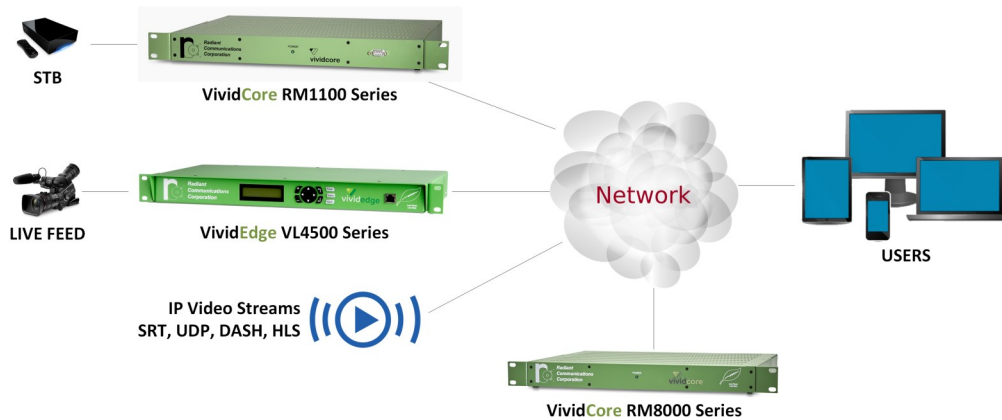**VividCore RM8000 Series**

HIGHLIGHTS

- Realtime Video Monitoring

- Date/Time, Caption keyword, stream event video Search

- Workflow for EAS and Ad insertion, clip extraction and reporting

- 3 days of video capture storage (based of 4 streams, at 1.5M 480p encoding)

- Web based GUI

- Continuous support and upgrades

VividCore RM8000 Multi Stream Video Monitoring and Analysis Gateway is an integrated Appliance allowing CATV, MSO's and Broadcasters to perform real-time monitoring, continuous capture and advanced analysis of their video programming. When used with VividEdge Broadcast Encoders and VividCore Remote Monitoring devices the system allows capture and storage of multiple video sources indexed by time/date and closed caption data if available.

The VividCore RM8000 monitoring gateway has options for advanced analysis. It provides automatic reporting of ad queue events and EAS messaging. Specific set of workflows allow the operator to export ad insertion, EAS and time scheduled verification clips and reports.

RM8000   Video Monitoring Gateway

SPECIFICATIONS

MANAGEMENT

1 x 1000BaseT Ethernet Interface

Web GUI , PCVision 5 Control

STREAM INPUT

DASH + REST API for control

2 x 1000BaseT Ethernet Interface

SCTE MESSAGING INTERFACE

1 x 1000BaseT Ethernet Interface

INTERNAL STORAGE

480GB SSD Drive with option for remote backup

ENVIROMENTAL AND POWER

Power	90W @ 90 to 240VAC (Internal Power)
Weight	5lb
Operational Temp	0° to 50° C
Storage Temp	-10° to 60° C
Dimensions	1RU 17.0" W x 9.0"D x 1.75" H

STANDARD FEATURES

Monitor and record audio and video from up to 8 streaming sources including VividCore RM1100 series and VividEdge VL4500 series. *Contact sales for other licensing options.*

Ability to remotely control set tops. Scheduled capture and storage of video and audio from STB.

PCVision 5 Configurable.

Ability to select, export and share a video clip.

SCTE EVENT VERIFICATION OPTION

Workflow for automatic EAS and Ad insertion, verification and reporting.

Reporting of ad queue events and EAS messaging,

Ad insertion reports include detected adds periods by black screen, alignment with SCTE35 point, possible early or late start when compared to different region and excessive black screen.

EAS messaging report cover SCTE18 information, time of detection, actual video capture with beginning and end padding.

SERVER REQUIREMENTS

SuperMicro SYS-110C04547-BD04B Optimized Server

CPU: CML W-1250 1P 6C/12T 3.3G 12M 80W P630 1200H5 G1 1

DRAM: 16GB DDR4-3200 2Rx8 ECC UDIMM, RoHS 1

SSD: 2 x Intel D3-S4510 240GB (RAID)

ORDERING INFORMATION

RM8000	Video Monitoring Software with SCTE35 and SCTE18 event monitoring and verification

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