Multi-Channel IP Video & Audio Logger System

Model: RAD-LOGGER 815

Overview

The RE-LOGGER 815 is an all-in-one 2U rackmount server-based logging solution designed for long-term recording of IP-based DVB-T2 television streams and dedicated audio sources. It supports up to 8 channels of full bandwidth UDP/IP video input with synchronized audio extraction, retention, and automated segment handling. Ideal for compliance logging, broadcast monitoring, legal audit, and content analysis applications.

Key Features

8-Channel IP Video Logging
Capture up to 8 DVB-T2 UDP multicast streams in parallel

Full Bitrate Recording
Store original transport streams without compression loss
15-Day Video Log Retention: Automatically logs, rotates, and purges old files

Audio Extraction
Extracts audio from video input every 15 minutes as standalone MP3/WAV clips

Dedicated Audio Logger
Includes separate audio logging via 3.5mm or USB audio input (fanless unit)

Segmented Recording
15-minute video segments, 5-minute audio-only segments

FTP Upload Routine
Auto-upload audio clips to a remote FTP server with timestamp-based file names

Web Interface
      View recorded segments
      Monitor stream activity and health
      Manage retention schedules and storage usage
      Configure channel input, audio extraction rules, and FTP settings

Auto Purge System
Automatically deletes expired video/audio files based on retention policy

Hardware RAID 10 SSD Storage
High-speed and redundant disk system for data protection

DATASHEET
MODEL
RAD-LOGGER 815

RAD-LOGGER 815

Status	**Recordings**	Settings

Filename	Preview
output_2024-4-24-24-06-00.ts	
output_2024-4-24-24-05-00.ts	
output_2024-4-24-24-04-00.ts	
output_2024-4-24-24-08-00.ts	
output_2024-4-24-24-00-00.ts	
output_2024-4-24-24-01-00.ts	
output_2024-4-24-24-20-00.ts	
output_2024-4-24-24-18-00.ts	

Specifications

PROCESSOR	Intel Xeon Silver 4310 or Core i9
RAM	64GB DDR4 ECC (2x32GB)
OS DRIVE	512GB NVMe SSD
STORAGE	4TB SATA SSD (server-grade) RAID 10
IP Input Type	UDP Multicast (IGMPv2), DVB-T2 compatible streams
Video Storage	RAID 10 SSD Array, up to 8TB usable
Audio Format	MP3 128 kbps / WAV 44.1kHz
Video Format	MPEG-TS or MP4 (segment copy, uncompressed)
Network	Dual Gigabit Ethernet / Optional 10GbE
Interface	Web GUI (HTTP/HTTPS), FTP client (for upload), system console via SSH
OS Platform	Linux (Ubuntu-based)
Form Factor	2U Rackmount Server (Video Server)
Power & Environment	
Power Supply	Dual Redundant 800W PSU
Cooling	Redundant smart fans
Applications	Broadcast Compliance Logging
	Government Media Monitoring
	University and Media Lab Archives
	Audio Forensic Logging
	Event Venue Logging and Streaming Backup

Included Components
1x 2U IP Video Logger Server (RAD-LOGGER 815)
Power cables, rack rails

โปรดติดต่อ

Radical Enlighten Co.,ltd.   HOTLINE : 098-284-3354
www.radical-enlighten.com   Info@radical-enlighten.com

RADICAL Enlighten

DATASHEET
MODEL RAD-LOGGER 815-A

Audio Logger Unit – Compact 24/7 Recording System

A reliable, fanless mini PC designed for continuous audio capture from line-in or microphone sources. It automatically segments recordings (e.g., every 5 minutes), stores logs locally, and supports scheduled uploads to a remote server. Ideal for radio stations, control rooms, and legal compliance applications.

Specifications

Processor	Intel N100 Processor
RAM	8GB DDR4 3200MHz
Storage	128GB SSD
Graphics	Integrated
Interface Port	
	3 x USB 2.0
	2 x USB 3.2 Gen1 Type-A
	2 x USB 3.2 Gen2 Type-A
	1 x HDMI
	1 x DisplayPort
	1 x Display
Audio Input	USB or 3.5mm line-in via external sound
Audio Format	MP3 128 kbps / WAV 44.1kHz
Network	Intel Wi-Fi 6 LAN Gigabit
Interface	Web GUI (HTTP/HTTPS), FTP client (for upload), system console via SSH
OS Platform	Linux (Ubuntu-based)