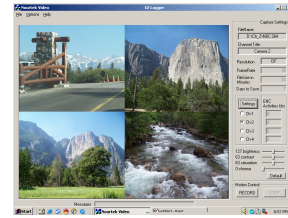


# EZ Logger™

High Performance Yet Cost Effective Server Based MPEG-4 Four Channel Standard Definition Broadcast Video Logger with NTSC or PAL Composite Video and Audio Inputs. For Cable and On Air Operators Who Need Automated Archiving of All "On Air" Programming for 30, 60 or More Days for Legal Purposes Such as UK's OFCOM. All Material Stored on Hard Drives with Time Stamped Frames in Separate 15, 30, 60, or 120 Minute Files. Each File is Time Stamped and Stored as Extension to File Name on Hard Drive. Typically Configured with Two Terabytes for Many Months of Storage.



## Features

- Simultaneously captures, encodes, and saves four channels of video programs
- Video compression: MPEG-4 Part 10/AVC/ H.264
- High grade industrial computer with dual power supplies
- Audio support for unbalanced audio
- Files are easy to search and retrieve with time-stamp via video overlay
- Stores archives in 1 to 120 minute segments
- Archives can be stored on removable IDE or USB 2 hard drives
- Ships with four 500 GB hard drives configured as RAID 0
- 2 Terabytes of hard disk storage
- Records closed captioning
- Adjustable frame rate to reduce file size and increase storage capacity. Frame rate can be anywhere between 5 and 30 fps without any significant degradations
- Stored files can be saved for over 60 days
- Archived file(s) may be stored on the hard discs for a specified number of days, then automatically erased and over written. The number of days can be anywhere between 1 and 60 days per channel. (Additional storage for more days is available.)
- Brightness, contrast, saturation, and chroma phase can be adjusted separately for each channel
- Recorded files can be transferred to DVD CD, or sent via FTP
- View files with Windows® Media Player
- View files locally or remotely
- System activities are logged to help determine the cause of any technical problem

## Applications

- Legal Backups for cable operators
- Legal Backups for mobile operators
- Legal Backups for On Air Operators
- Surveillance archives for operations purposes
- Archiving competitive broadcasts for later review

## Overview

For broadcasters who are legally required to keep recordings of all programming, or for those who wish to retain file footage, the **EZ Logger™** is the ideal high performance digital archiving system.

EZ Logger is a real time, long term, multi channel archiving system with composite inputs. It outputs video in MPEG-4 simple profile format, for higher picture quality at a very low bit rate. Its extensive storage capacity is designed to save "on air" programming for 30, 60 or more days to on-board IDE hard drives. The hard drives can also be removed. EZ Logger stores material via overlaid time-stamped frames in separate 30, 60, or 120 minute files.

EZ Logger *simultaneously records anywhere from 2 to 24 inputs*. It is compatible with both PAL and NTSC.

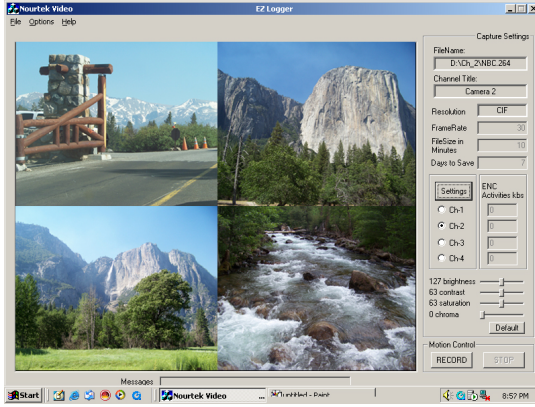
The user-friendly GUI makes it easy to set up, store, and retrieve broadcasts. Video clips can be located by date, time, or channel name. Selected files can be viewed locally or remotely over the network, with no interruption to the continuous encoding of the video program.

File sizes can be determined in minutes for each channel. The average file size for 60 minutes does not exceed 350MB, which can be easily transferred by FTP using a private network or public internet.

For added protection, a password is needed to close the application. System activities are recorded to help determine the cause of any technical problem.

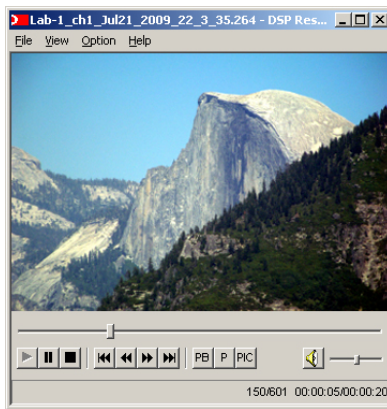
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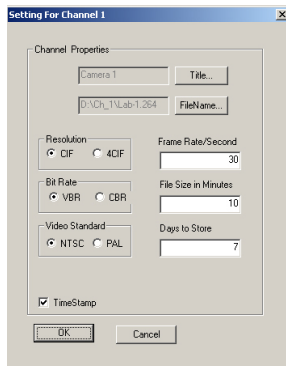
**Main Screen Display Window**

Simultaneously monitor four channels, with date, time, and channel title super-imposed over the video



**Viewer GUI**

View and monitor video



**Channel Setting GUI**

Each channel can be configured with different parameters

- For long-term archiving – saves files for two months or even longer
- Replays programming in MPEG-4 Simple Profile
- Stores all material on the hard drive in separate 30, 60, or 120 minute files
- Time Stamp feature allows the date, time, and channel name to be super-imposed over the video, for easy search and retrieval of any file
- Removable IDE hard drives
- Adjustable frame rate to reduce file size and increase storage capacity. Frame rate can be anywhere between 5 and 30 fps without any significant degradations.
- Archived file(s) may be stored on the hard discs for a specified number of days, then automatically erased and over written. The number of days can be anywhere between 1 and 60 days per channel. (Additional storage for more days is available.)

**Specifications**

<b>Audio/Video</b>	
Video Input	4 Channel composite self terminated
Audio Input	4 Channel unbalanced
Standards	NTSC and PAL
Compression	MPEG-4 Part 10/AVC/H.264
Resolution	CIF, 4CIF
Captured Video Rate	Adjustable between 5 and 30 fps
<b>System</b>	
Hard Drives	Four 500 GB hard drives configured as RAID 0
Disk Storage	2 terabytes
Operating System	Windows® XP
<b>Physical</b>	
Rack Mount	3 RU
Dimensions – Inches	16.75”(W) x 15.3” (D) x 4.25” (H)
Dimensions – Millimeters	424 (W) x 387.7 (D) x 108 (H)
Weight	37.2 lbs (17 Kilograms)
Power	120v/240v AC, 50/60 Hz
Operating Temperature	0 to 40° C
Humidity	0 to 95%, non-condensing

**Ordering Information**

EZ Logger

Option: EZ Logger with additional hard disk storage