

Sentio -50 DVR & Server

- 4 / 8/12/16 Field Expandable Video Channels
- Up to 50ips HQ Wavelet Compression Engine
- Alarm Inputs / Outputs
- Unlimited Expansion over Network
- IP Camera Support
- Internal 250Gb Hard Drive or Network drives
- Expandable up to 750Gb hard Drives
- PTZ Camera Control
- Desktop, or Rack Mount Options Available
- Up to 4 sequencer Monitor Outputs
- Reliable VMD (Video Motion Detection)
- Remote System Configuration with Sentio Review



The **Sentio -50** is a high performance DVR capable of recording simultaneously 16 video inputs up to a total of 50ips & with a single channel audio input as standard. However, with Multi-channel Audio (MCA) option they can record an audio channel for each incoming video channel, with full lip sync as standard.

Video Motion Detection : This enables the operator to configure the system to record cameras only when motion is detected, there aiding the search for events and also saving on HDD space.

Motion Track : is a sophisticated part of the VMD system allowing enhanced detection rules to track the direction, speed & size of moving objects, the system can also be used to detect if objects are removed from a scene. There are 2 levels of sensitivity allowing the user to select the required level of motion before generating a trigger, The system is not effected by rain, moving leaves etc. Therefore allowing the **Sentio -50** to only recorded events when required, saving disk space and aiding the search for events afterwards.

Storage & Archival : Cameras can be recorded on circular basis, Outdated footage can be archived & further compressed. if required, Sentio's Super Archive Module will further compress the data without significantly reducing quality (patent pending), Extended recordings are kept on the HDD & can be accessed immediately, Footage can also be exported to the CDRW or (optional DVDRW) drive.

Playback : the **Sentio 50** can play back up to 16 recorded video sequences simultaneously.

Networkability : The unit is fully network able with a built in Gbit Ethernet connection, any Sentio DVR can be configured over the network by using the **Sentio NCTV**. Any work station running the remote Software can access the DVR and stream images to the workstation. Images are compressed before sending over the network, thus reducing network traffic.

Robust & Reliable ; Sentio runs under the robust windows 2000 / XP platform. Recording, Playback, live display, compression & archival operating concurrently, this enables playback & live display while recording.

Alarms : The **Sentio - 50** has fully configurable alarm inputs / outputs, any alarm input can be associated with a camera or other device, alarms outputs can be used to trigger any number of events, remote station activation, images sent over the TCP/IP to another location etc.



SentiO -50 DVR & Server

Video Inputs	4/8/12/16 NTSC / PAL
Alarm Inputs / Outputs	4 - 16 inputs (nc/no) / 1 - 4 Outputs (nc/no)
Audio Inputs / Outputs	1 Input / 1 Output (up to 4 with MCA Option)
LAN	10 / 100 /1000 Mbps RJ45
Internal Hard Disk Space	250Gb (Expandable up to 750Gb)
Other Connections	4 X USB, Parallel Port & Case Tamper Switch
External Monitors	SVGA, DVI or S-Video
Keyboard & Mouse Connections	PS2
RS232	Control input / Output
Archive	CDRW / (DVDRW Optional)
Image Resolution (Capture)	720 X 243(NTSC) 720 x 288 (PAL)
Image Capture Rate (System)	50 ips per system (up to 25ips per camera)
Compression Method	Wavelet 1 ips @ quality 1 = 41Kb 1 ips @ quality 11 = 7Kb
Operating Temp	5 -50° C
Relative Humidity	5 – 85% No Condensing
Operating Shock	10G 2ms (2 per Second Max)
Weight	17Kg
Dimensions	223(H) x 428(D) x 483(W) all in mm
Operating Voltage	115 / 230 Switch able

Options

Multi Channel Audio :- Provides 4 Channels of audio to be associated with Video

Motion Track :- Direction Tracking, Object Removal, Object deposit

Duplex Audio :- Allows SentiO Remote users to speak to subjects near cameras (Mic & Speaker required)

Time Sync : Allows software & Hardware to sync time across a number of SentiO Recorders

Sequencer :- Displays a timed selection of up to 4 cameras on one monitor, each with text overlay

* Specifications & design Subject to Change without notice