

# Sentio - 400 / L High Performance Digital Video & Audio Server

- 4 / 8/12/16 Field Expandable Video Channels
- Up to 50ips HQ Wavelet Compression Engine
- Up to 400 ips Local Live Display of All Cameras (L)
- Unlimited Expansion over Network
- IP Camera Support
- Internal 250Gb Hard Drive or Network drive
- Expandable up to 2Tb hard Drive
- 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 -400/ L** is a high performance DVR & Network Server capable of recording simultaneously 16 video inputs up to a total of 25ips on all 16 Channels. 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 -400** 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**Storage & Archival :** Cameras can be recorded on circular basis, Outdated footage can be archived & further compressed.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 400** can play back up to 16 different 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 - 400** 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- 400 / L High Performance Digital Video & Audio 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	500Gb (Expandable up to 2 Tb)
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)	400 ips per system (up to 25ips per camera)
Live display Rate	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