

SentiO Digital Recording

MP4 / 800

- True Hybrid Intelligent Video Processor
- Analogue & IP Camera Inputs *
- Broadcast Quality Images
- Crystal Clear Sound up to 96Khz Sampling
- De-interlaced Playback
- MPEG 4 Compression for Efficient Storage
- View Cameras on Dual Monitor Map Overlays
- 800 IPs
- IP Camera Support
- Reliable VMD (Video Motion Detection)



- > 800 ips
- IP Camera Support
- Strong Authentication
- Multi-stream Architecture
- Stereo Audio up to 96Khz Sampling
- Parallel DSP Architecture
- Mixed Live/Playback Display
- Ganging Multiple Camera Views
- Digital Zoom
- Intelligent Event Viewer
- De-Interlaced Playback
- Configurable Authorisation Levels
- Sophisticated Video search
- Camera Sabotage
- Remote System Operation
- Reliable VMD
- Detachable Connection Panel
- Up to 32 Alarm Inputs
- Flexible Event Association
- Video Loss Alarm
- Gigabit Ethernet
- Multi-protocol PTZ Support
- Scalable
- 8 & 16 Channels
- Up to 3.0 Tb internal Data Storage
- Integral DVD Writer
- On Screen Keyboard

The latest generation of plettac Security's SentiO digital Recording systems, offers high performance MPEG4 Compression. The system records broadcast quality real time video & crystal clear Audio from up to 16 analogue & 16 IP cameras whilst consuming a fraction of disk space of other products on the market.

Select the cameras you wish to view from a list on the user interface or use a dual monitor display via SentiO client to overlay cameras onto maps, aerial photographs or IT network diagrams.

Kalagate Approved Authentication

SentiO servers offer Highly secure authentication for MPEG4 data files for both Video & Audio.

High Quality, Lip Sync'd Audio :- The servers provide full frame real time recording of 16 cameras signals with better than CD quality, Lip Sync'd audio on all.

MPEG4 compression allows you to record for a longer period through reduced disk space, which is typically more than 80% over JPEG based systems, 66% over Wavelet based systems & 40% over MPEG2 systems.

Intelligent Event Viewer :- Security managers can be overwhelmed by a high volume of information. You can filter on a per camera basis the types of events displayed when viewing both live & recorded data.

Search Expert :- Allows you to retrospectively define regions of interest to search for recorded events without originally assigning inputs of VMD

Camera Sabotage :- initiates an alarm condition when there is a defocused, moved, shaken or obscured camera view

Video Motion Detection :- enables you to configure the system to register an event when movement is detected in a particular camera view, so that significant incidents can be easily located when reviewing recordings. Alternatively, you can configure the system to record from specific cameras only when it detects motion, therefore reducing recording time & saving disk space.

Other Standard controls such as export, print & snapshot are easily accessible from the Primary GUI.

TECHNICAL SPECIFICATION	DESCRIPTION
Video Inputs Compression Loop Through Outputs Capture Resolutions Recording Rate Audio Inputs Audio Sampling	8/16 Channels PAL/NTSC (Analogue) + IP Cameras* MPEG4 Video : 56Kbits up to 8Mbits/sec Audio : up to 348 Kbits One per Channel 720x576(4CIF) 720x288(2CIF) 352x288(CIF) 176x144(QCIF) 400 frames/ 800 images per second (PAL) (480/960 NTSC) 16 Stereo / 32 Mono Channels 16 bit, 48Khz (12,24 & 96KHz optional)
INTERFACES	
Network Display SCSI Keyboard / Mouse PTZ Auxiliary Ports	10/100/1000Mbps SVGA; 1024x780 32bit Colour Optional Dual Monitor Support with Client Software Optional PS2 or USB RS485 / RS422 Serial 9 pin"D" Type, Parallel 25 pin"D" Type Fire Wire: IEEE1394, USB : 6 (4 X Rear, 2 X Front)
HARDWARE	
Export Storage Internal External Dimensions Weight Power Operating Temperature Relative Humidity Data Logger Certifications & Approvals	CD,DVD, Networked Hard Disk Drives 500Gb Standard Expandable up to 3.0Tb Via SCSI/NAS RAID5 Via SCSI Interface 220 X 440 X 560 mm Up to 25Kg 230W 5° C - 50° C 5% - 85% (non Condensing) System Performance, Internal / External Temp, fan Operation CE Class A Digital device EN5008-1, KA.AGE

- *IP Camera Input Capacity dependant on image rate & resolution : consult camera manufacturer for details
- Specifications subject to change without prior notice.

