



Live view

- Full-screen, PiP, Quad, 1+7, 1+12 and 4x4 display modes
- Easy single mouse-click switching from multi-camera display to full-screen and back again
- Live on-screen control and programming of variable speed pan/tilt/zoom cameras and domes
- Incident key to bookmark and easily replay observed events
- On-screen indication of external and activity generated alarms
- S-VGA, S-VHS & composite video outputs for system monitor and an additional composite output for public display

Replay view

- Easy single mouse-click instant replay and last alarm replay
- Synchronised simultaneous replay of up to 8 cameras
- Simultaneous record, replay and live view, export and print
- Immediate access to up to 9 months of stored images
- Fast image search by camera, alarm, activity level, date & time

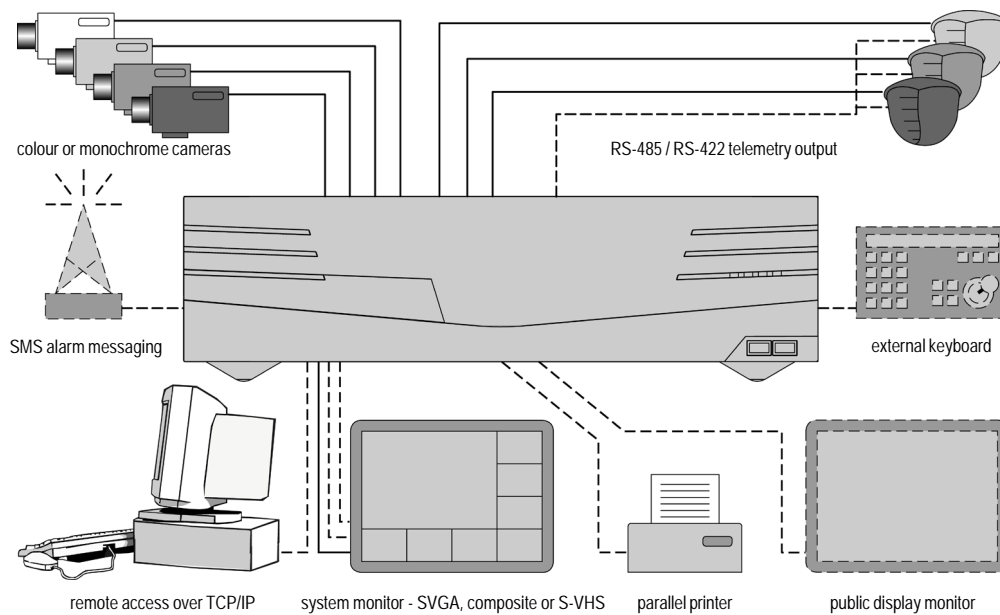
Connectivity

- 100base-T4 ethernet port for simultaneous remote viewing over TCP/IP networks - PC access software included
- Freely-programmable alarm inputs and relay outputs
- RS-485/RS-422/RS-232 ports for telemetry control
- Loop-thru as standard on all video inputs

Performance

- Record each camera on activity, on alarm, for defined periods, or continuously
- Guaranteed 25 & 50ips recording of unsynchronized cameras
- Optimised H.263/H.261 compression for best image quality
- Inbuilt CD-RW for export of video streams and single images
- Capacity for up to 6 internal hard disk drives
- Camera-loss plus hardware and software integrity watch-dogs
- Embedded Linux OS running on robust industrial hardware
- 2 year warranty including hard disk drives

Seon™ 2100 — digital image management system



Recorded images per second (ips) per camera

Connected cameras	2 compressor models	4 compressor models
2	12.50	12.50
4	6.25	12.50
6	4.17	6.25
8	3.13	6.25
10	2.50	4.17
12	2.08	4.17
14	1.79	3.13
16	1.56	3.13

System

User interface	Graphical; with optical mouse supplied
Video inputs	8 or 16 auto-terminating loop-thru (BNC connectors)
Video input format	PAL or NTSC composite video
Stored image pixels (H x V)	704 x 288 (2CIF) or 352 x 288 (CIF) >16 million colours
Image file size (average)	20K (2CIF) or 10KB (CIF) for typical CCTV scenes
Video codec	Optimised H.263/H.261
Operating system	Embedded Linux (2GB separate partition)
Internal storage system	Up to 6 hard disk drives configured as continuous video loop
Internal storage capacity	80 Gigabytes to 1.5 Terabytes
Image export to CD-ROM	Video streams and single images

Connectivity

Main monitor	S-VGA (HDDB-15 connector), composite video (BNC connector), or Y/C (4-pin mini-DIN connector)
Public display monitor	Composite video (BNC connector)
Printer	Parallel port (female DB-25 connector)
Telemetry	RS-485/RS-422 (removable screw terminals) RS-232 (male DB-9 connector)
Network	100base-T4 Ethernet (RJ-45 connector)

Electromechanical

Hardware	Industrial PC/104-plus compliant
Power requirements	115/230VAC, 50/60Hz switchable (IEC 320/EN 60320 mains inlet)
Power consumption	500W max.
Operating temperature	0 ~ 45°C (32 ~ 122°F)
Relative humidity	90% max. non-condensing
Dimensions (W x H x D)	443 x 128 x 465mm, 3U (17.5 x 5.1 x 18.3 inch); suitable for rack mounting
Unit weight	14.5kg max. (32lbs max.)
Packed weight	17.5kg max. (38.5lbs max.)

Certifications

Safety standards	EN 60065:1998
EMC standards	EN 50130-4:1996 EN 55022 Class B:1998 EN 61000-3-2 EN 61000-3-3 FCC part 15 Class B



Optional alarm module

Alarm inputs	8 x volts-free contacts (removable screw terminals)
Relay outputs	4 x form-C (C, NO, NC), (removable screw terminals)
Relay contact rating	230VAC, 2A max. or 30VDC, 4A max.

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