



Intelligence comes as standard.....

Rapid Retrieval

An intuitive 'time line' representation of recorded video and alarm events allows the rapid retrieval and replay of single or multiple video recordings. This allows rapid investigation of an incident when every second counts.

Video Motion Detection

Turns any video source into a motion sensor using Video Motion Detection, with 12 independently assignable zones per source and features including user-programmable sensitivity and advanced noise filters. Each zone can be used to independently trigger alarms to activate recording of one or more video sources.

Digital Zoom

Using digital zoom the operator can concentrate on any section of a live, archived, or gallery recording without affecting the recorded image. Using digital zoom on live recordings instead of the normal camera zoom ensures that a consistent viewing area is always recorded even at maximum zoom.



The Abacus Keyboard (↑)

Standard pc layout that provides the user with simple but total functionality.

THE ABACUS

A portable rugged version of IES' siteScape_ designed for use in surveillance applications where quick, easy, covert deployment of highly sophisticated digital video surveillance technology is 100% essential.

Abacus is built into high strength carry case with a built- in LCD display, ruggedised keyboard and connections that allow the system to be used with the lid opened or closed from either mains (110-240 V), external 12vDC supplies, or a built in rechargeable 12v battery that gives c. one hour of use.

Abacus is designed for the connection of up to 8 video sources, either directly through the 8 local analogue video inputs, or remotely from networked IP cameras, USB WebCams or FireWire inputs.



Main Features

- Video Recording at up to 25 frames/sec from 8 sources
- Video Playback
- Audio Recording & Playback
- Camera Telemetry Control _ Video Pixelation
- Full multi-zone Video Motion Detection
- System Configuration
- Alarm Management via optional DIO16/8 USB Module
- Video and Audio transmission via TCP/IP Networks including wireless networks

The Peripherals Case

- 4 x USB modems for PSTN, ISDN, ADSL (broadband) and tri-band GSM/GPRS (EGSM 900 and DCS 1800/1900)
- 1 x USB CDR drive with power lead
- 1 x USB wireless LAN transmitter & receiver
- 2 x power leads for both mains (110 - 240 volt) and 12VDC (car) supplies

The extensive range of networking opportunities allows live and recorded events to be remotely viewed and camera telemetry to be remotely controlled.

Software Operating Specifications

- Picture resolution 352 x 288 (QCIF)
- Display Modes 1, 2, 4 and 8 camera views
- Recording Modes Time-lapse & event
- Pre-event Recording Variable per camera
- Recording Triggers Full multi-zone Video Motion Detection
- Digital I/O Alarms Option Supported via DIO16/8USB (USB interface)
- Network Mode Full support for N-Visage client software, other SiteScape_ systems and IP cameras connected to the network
- Telemetry Mode Full support
- Multi-screen Playback Supported
- Archive Mode Via supplied USB CDR Drive or network location
- Remote Monitoring Mode Via N-Visage client software over NBaseT network connections or telephone networks – single user licence included
- Dial in/dial out networking Supported
- Configuration mode Via comprehensive engineering menus
- Audio mode Available with AUD16 USB
- D-face option Included
- Gallery Mode Included
- Software watchdog Included

Equipment Technical Specifications

Inputs

- Composite Video 8 1V 75 ohm via BNC sockets
- Digital Video Direct from USB inputs, IP Cameras or via network from other sitescape devices
- Audio 16 switched via optional AUD16USB (2 simultaneous recording channels)

Outputs

- Composite Video 1 1V 75 ohm via BNC sockets
- Audio 16 switched via optional AUD16USB (2 Interfaces simultaneous replay channels)
- Speakers 2 x 1.5W integrated speakers (stereo)

Monitor

- Screen Built in 15" (38 cm) TFT colour LCD, TN wide angle film, pixel pitch 0.297mm x 0.297mm
- Maximum resolution 1024 x 768, 0.8 mega pixels
- Viewing Angles 120° (Horiz) 110° (Vert)

Physical Characteristics

- Dimensions 52.1 x 42.5 x 21.6 cm (20.84 x 17 x 8.64 in)
- Weight TBD kg (TBD lb)

Memory & Processor

- RAM capacity 512MB
- Processor type Intel Celeron
- Processor speed 1.0 GHz

(Equipment Technical Specifications - cont'd)

Storage

- HDD 1 EIDE 80GBytes (Factory upgrade to 240GBytes)

Safety

- TBD (EN 60950/IEC 950; UL 1950; CSA 950)

Emmissions

- TBD (FCC Class A; EN 55022/CISPR-22 Class A; VCCI Class A)

Interfaces

- Four possibilities 100 BaseT LAN; 802.11-11MBit wireless LAN; USB2.0; Firewire

Performance

- Video Rec Rate 25 frames/sec (PAL); 30 frames/sec (NTSC)

Operating Environment

- Temperature TBD (5°C to 35°C (41°F to 95°F))
- Relative Humidity TBD (20 to 85% @ 35°C (95°F), non- condensing)

Non-Operating/Storage

- Temperature TBD (-23°C to 70°C (-9°F to 158°F))
- Relative Humidity TBD (90% @ 65°C (149°F), non- condensing)
- Shock & Vibration TBD (EN 60068 (IEC 68))

Electrical Characteristics

- Heat dissipation/hr TBD BTU/hr
- Maximum wattage 60W
- Voltage 100-127 VAC/200-240 VAC
- Current TBD A/ TBD A
- Frequency 50/60 Hz

Protector Cases Materials

- Case Copolymer Polypropylene Structural Resin
- Latches ABS
- O' Ring Neoprene Sponge
- Pins Stainless Steel
- Purge Valve ABS with Goretex Membrane
- Foam Polyester
- Temp. Rating -23C to +99C

Includes

- User Manual
- Power Lead
- Peripherals Case