



INTELLVISIONS
SOFTWARE LIMITED

Is Your ATM safe from Frauds & Vandals?



*"The Digital ATM
Surveillance Solution"*



- Quick Seek Images on Transaction Number, Card Number, Date & Time.
- Monitor ATM Sites from a central location.
- Central alerts for... deliberate tampering, video loss & hardware inconsistencies.

Product Features

- Query image database on date and time and/or transaction data (Transaction number or card number).
- Sharp and Clean images with Date, Time stamp and Transaction details for evidence.
- Highly optimized operation. Images are captured only when a motion is detected through a built-in motion detector or when transaction is triggered.
- Multiple Cameras can be connected to a single system.
- Existing NTSC/PAL Cameras can be integrated.
- Web based interface for viewing from a central location. (Fig. 1)
- All images are encrypted with a unique digital signature technology thus making it admissible as supportive evidence.
- Central monitoring system available. Detect Video loss and health diagnostics. (Fig. 2)
- Visual alarms for tampering and video losses.
- Automatic Data Recycling done on FIFO basis.
- Robust crash proof software.
- Near zero, fail proof components.
- Video toppler feature available for advertising (optional).
- Connectivity to electronic display systems.



Fig.1: Web based interface.

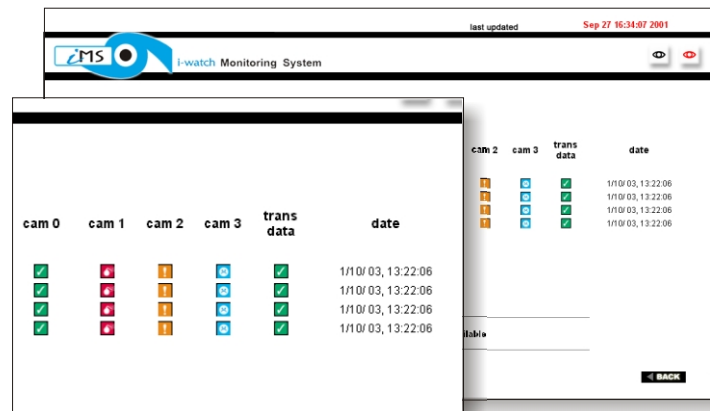


Fig.2: Central Monitoring Station

Technical Specifications

→ Hard Disk Drive:	40 GB or Higher
→ Ports:	2 DB9 male RS 232 ports, 4 USB Ports, VGA port, S Video out, RCA / S PDIF.
→ Monitor:	4 x 40 character based LCD. Standard monitor can be attached (optional).
→ Capture Card:	Proprietary.
→ Resolution:	320 x 240 / 640x480 NTSC / PAL.
→ Frame Rate:	32/24 fps NTSC/PAL.
→ Cables:	RS-232: 10ft DB9 (female) to DB9 (female) Null Modem. Coaxial Cables: 10 ft BNC (male to male), 75.
→ Network Interface:	10 / 100 Base-T Ethernet.
→ Operating System:	Real Time Operating System.

Image Specifications

- Size in pixels: 160x120, 320x240, and 640x480.
- 16-bit color.
- High compression JPEG format.

Power Supply Specifications

- 120V ~240V AC Input
- Input Current 5A
- SMPS 300W P. S.

Analog Systems v/s i-Watch

No.	CCTV	i-Watch
1.	Analog CCTV systems store image on Video cassettes. This results in cumbersome maintenance and storage procedures for storing and labeling the cassettes.	Images are stored in the hard disk having a capacity of 40 GB or higher. The images are sharp and clear with date and time for reference.
2.	No Quick seek methods are available for fraud identification.	Punch in the card number or transaction number through a web browser and all images pertaining to the transaction are available.
3.	Storage media is expensive and has to be stored safely from moisture at all times.	The storage medium can be hard disk or a central server or CDs / DVDs.
4.	Time Lapse based activity. Images are captured irrespective of any activity inside the ATM.	Captures images only when there's a motion within the vicinity of the ATM or when a transaction occurs. The time can be set up for recording a frame.
5.	No Central Monitoring station is available to identify if equipment has been tampered.	Remote diagnostic tool alerts central location for deliberate tampering, video loss or hardware failure.

