



ATM DVR

- Real-Time Display & Record
- Up to 3 Ch. of Audio & Video
- Supports up to 2 Hard Drives
- Bi-directional Voice
- Text Insertion

Available Models

Part Number	Description
DS-8002AI	3 channels video and audio input, 1 channel video & audio output
DS-8002ALI	5" LCD Screen, 3 channels video and audio input, 1 channel video & audio output

Hardware Specification:

- 2 10M / 100M ethernet port
- 2 serial ports (RS232, RS485)
- 2 IDE controller supporting up to 2 HDs (1TB Max.)
- 3 channels of video in
- 1 channel of video out (for monitoring)
- 3 channels of audio in
- 1 channel of audio out
- 1 audio in (for bi-directional voice communication)
- 3 12V power outputs for cameras
- 4 channels of alarm in(Infrared, Cash out, Cash in, Shake)
- 2 channels of alarm output(12V output)
- 1 VGA port
- 1 video out and one audio out for video cassette recorder
- 1 USB interface
- Size: 18cm (height) * 18cm (width) * 28cm (depth)
- 5" LCD Screen(DS-8002AL/AHL)

Software Specification:

Local operation:

- User friendly menus leads to simple and direct operation
- Brightness auto-adjustment
- Partial sensitive zone sheltering
- Playback, network preview, inquiry and download can be executed simultaneously
- Preview 2 channels simultaneously
- ATM machine name, credit card number, date, time and transaction type can be overlapped on video image
- Playback 2 channels simultaneously
- Inquiry by time, alarm or credit card number
- Multiple play modes: fast, slow, frame by frame

Compress function:

- H.264. High compression ratio and high image quality
- Multi-channel realtime audio/video compression
- Realtime audio/video stream complexing

Record function:

- Support alarm and motion detection triggered recording. Stream before triggering can be recorded.
- Support local HD and NAS
- Support cyclic-recording
- Support USB flash disk, USB HD, and USB CDRW for backup
- Clips in HD can be downloaded through network
- Clips in HD can be montaged before backup

Network function:

- Support PPPoE protocol
- Support remote audio/video monitoring
- Embedded WEB server allows browser to access stream
- Clips can be inquired, downloaded & played back
- Parameters can be modified
- System software can be upgraded remotely
- Voice communication with surveillance center can be done
- Alarm can be transmitted to surveillance center
- Support remote Pan-Tilt-Zoom control

Pan-Tilt-Zoom control:

- Support Pan-Tilt-Zoom control through front panel or network
- Multiple Pan-Tilt-Zoom protocol can be embedded

Security:

- Support two levels of user priority
- Detailed event logging

Exception recovery:

- Automatically recovery from exception leads to high usability. Alarm is generated if recovery tries exceeds.

Specification:

Video Compression	H.264
Preview Resolution	PAL: 704x576 NTSC: 704x480
Compress Resolution	CIF, QCIF
Video Input	3 Channels BNC (1.0Vp-pg5 O)
Video Output	1 Channel BNC (1.0Vp-pg5 O))
Frame rate	PAL:1/16-25 F/S NTSC:1/16-30 F/S
Stream Type	Mixed stream or Video Stream
Bit rate	16Kbps-2Mbps (Self definition)
Audio Input	3 Channels, BNC (Linear Electrical Level, Resistance:1000 O), SNR > 83DB
Audio Output	1 Channel, BNC (Linear Electrical Level)
Audio Compression	OggVorbis
Audio bitrate	16Kbps
Voice Audio input	1 Channel, BNC (Linear Electrical Level Resistance:1000 O)
Communication Interface	1 RJ45 10M/100M UTP Network, 1 RJ45 for RS232, 1 RJ45 for RS485
HDD IDE Interface	2 IDE, support up to 2 HDD
USB Interface	1, support USB1.1; Support USB flash disk, USB HDD, USB CDR/W
VGA Interface	1, Support 800x600/60Hz, 800x600/75Hz, 1024x768/60Hz
Switch Alarm Input	4 Ports: Port1 has 3 pins: Pin1 provides DC+12V/1A for the sensor; Pin 2 is GND. The other 3 ports are switched input.
Switch Alarm Output	2 Ports : Pin1 of 1st port provides DC+12V/1A, Pin2 is GND; The 2nd port is switched output. The 2nd port is switched output.
DC output	DC+12V/1A
Power Supply	90-135VAC or 180-265VAC, 47-63 Hz
Power Consumption	26W(Without HDD)
Working Temperature	-10C /50C

Working Humidity	10%–90%
Size	180mm x 180mm x 280mm)
Weight	5Kg (DS-8002AI without HDD)