AVerMedia

AVerDiGi SA Series | Hybrid and Real-Time Standalone DVR

Key Features

- Plug and play, save your time assembling
- Hybrid DVR-support various IP and Analog cameras
- Support MegaPixel IP cameras
- Advanced MPEG4 and H.264 (S/W and H/W) compression
- Powerful remote software integration: CM3000, WebViewer, PDAViewer, 3GViewer, HandyViewer, and SmartViewer (for Symbian / Windows smart phone)
- Temperature display panel
- Backup to NAS / RAID and built-in DVD-RW
- Support up to 128 sensors in / relays out
- POS integration and advanced iPOS function
- Support more than 22 languages
- Support System Controller (Joystick Keyboard)
- Compact size to save maximal freightage

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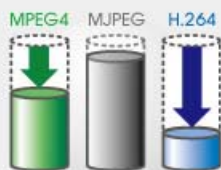## AVerDiGi SA Series | Hybrid and Real-Time Standalone DVR

Anti-Virus
Embedded OS in DOM (disc on module), system can efficiently prevent virus attacking and operate even HDD crashed.

HDD Saving
MPEG4 and H.264 hardware compression can save about 4 times and 10 times storage size than MJPEG.

Attention Please
Enable dialogs to trace if operator pays attention to security monitor.

Dual-Monitor
Support dual-monitor environment for independent preview and playback or EMAP to save your trouble switching.

iEnhance
iEnhance and iStable video processing software can fix shaking and jolts impact on video and enhance video quality for better image.

PDAViewer
Provide video and audio monitoring on 4 channels or full screen view anytime and anywhere.

System Controller
Featured intuitive preview, playback, and PTZ control functions for users to efficiently control the surveillance system.

Hybrid DVR
Support both IP and Analog cameras of most popular brands such as AXIS, SONY, Panasonic, Vivotek, ACTi, and etc.

Temperature Display
Temperature display LCD on the front panel to alert users when abnormal temperature detected.

Video Encryption
Encryption of video algorithms for privacy protection and security purposes.

TV-Out & Spot-Monitor
Provide multiple channels display on TV and pop up the channel once alarm triggered.

POS Integration
Post transaction data and image for recording and search by keyword.

CM3000/CM3000 Gold
Central Management System which supports live alarm notification, connection of 1000 DVRs in advanced mode, and compatible with AVerDiGi NV / SA / EB / NX / XR / SEB networking DVRs.
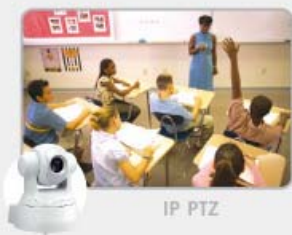(support up to 4 monitors display)

Direct Burn
Built-in DVD-RW enables users to backup selected data to DVD / CD discs.

IP PTZ

PTZ

Analog Camera

IP Camera (up to MegaPixel)

Camera Integration
Suitable for different environment to use

System Integration
Easy for retailers and enterprise to use and control.

AVerDiGi POS box

POS

ATM

Com Port Expansion Device
Com port expansion card or box can support external com port devices *up to 16*

System Controller

Security System
Multiple launch programs to protect your assets.

Printer

Light

Telephone

Alarm

LCD

TV

Backup Device
Various backup devices supported for every project's demand.

CD / DVD-RW

External HDD

Disk Array

Pen Drive

NAS

AVerDiGi RA4000e

AVerDiGi Access Control

Home Appliance

SMS / MMS

E-Mail

Microphone

Sensor

Intranet
Internet

Remote Monitoring

Central Management
Security guard can monitor and remote control DVR via CM3000 for instant notification

CM3000

Center | Monitor | Emap | Playback

2-Way Audio
For instant mutual communication regardless of distance

Remote Access
Enable users to monitor any time and everywhere via

WebViewer

PDAViewer / 3GViewer

HandyViewer / SmartViewer
(for Symbian Windows smart phone)

Remote Console

Software Development Kit
Users can integrate our system through 3rd party's intelligent software to customize their function, such as

• Customized UI
• ATM system
• Facial Recognition
• License Plate Recognition
.....and more to meet your need.

Product Specifications

Item	SA5000			SA6000E			SA7000H	
	SA5104	SA5108	SA5116	SA6208E	SA6216E	SA6416E	SA7208H	SA7416H
Operating system	Embedded OS			Embedded OS			Embedded OS	
Video Format	H.264 / MPEG4 / MJPEG			H.264 / MPEG4			H.264 (Hardware Compression)	
Video input	4	8	16	8	16		8	16
Display rate (NTSC/PAL)	120/100 fps			240/200 fps	480/400 fps		240/200 fps	480/400 fps
Recording frame rate (CIF)	120/100 fps			240/200 fps		480/400 fps	240/200 fps	480/400 fps
Recording frame rate (VGA)	120/100 fps	60/50 fps		240/200 fps	120/100 fps	240/200 fps	56/48 fps	112/96 fps
Recording frame rate (D1)	40/32 fps	56/48 fps		240/200 fps	80/64 fps	160/128 fps	56/48 fps	112/96 fps
Audio input	4			8	16		8	16
Sensor/Relay	Optional			4/4 (expandable)			4/4 (expandable)	
DVD-RW	Yes			Yes			Yes	
Removable HDD tray	2 HDD tray (support up to 3HDD)			2 HDD tray (support up to 3HDD)	3 HDD tray (support up to 4 HDD)		3 HDD tray (support up to 4 HDD)	
DOM	2GB			2 GB			2 GB	
HDD pre-built (optional)	250GB/ 500GB/ 750GB/ 1TB			250GB/ 500GB/ 750GB/ 1TB			250GB/ 500GB/ 750GB/ 1TB	
Ethernet	RJ-45, 10/100/1000 Mbps			RJ-45, 10/100/1000 Mbps			RJ-45, 10/100/1000 Mbps	
USB 2.0	Front 2 ports, Rear 4 ports			Front 2 ports, Rear 4 ports			Front 2 ports, Rear 4 ports	
LCD Display	Temperature			Temperature			Temperature	
Dimensions (W x H x D)	290 x 160 x 480 mm			290 x 160 x 480 mm			290 x 160 x 480 mm	
Power	220 Watt			220 Watt			220 Watt	
Dual-monitor output	Optional			Yes			Yes	

Specifications are subject to change without prior notice

Product Illustration

Temperature Display Panel
HDD Status (Red)
29cm
16cm
48cm
USB Port
Power Status (Blue)

DVD-RW
Fan
SATA Removable HDD Tray

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