

SA6832E RACK

Robust hybrid NVR solution; best for mid-sized businesses, educational institutions and department stores



Overview

- Robust hybrid NVR solution; best for mid-sized businesses, educational institutions and department stores
- 32 channels Video and Audio input with Real-Time recording
- Multiple and configurable channels display on spot monitors
- New 3U rack mount with up to 6 expandable internal HDDs.
- POS Integration allows for easy association of retail transaction data and corresponding video images
- Lightweight case for minimal shipping cost
- Quiet operational fan

SA6832E RACK Specifications

Operating System	Embedded OS
Disk-on-Module (DOM)	2GB
Hybrid	Yes
IP Camera Support	Yes
Video Format	MPEG4/H.264
Software Compression	Yes
Video Output	2/12(optional with display 21*2)
Video Input	32
Audio Input	32
Video Loop Output	32(with display 21*2)
Display Rate	960/800 fps
CIF Recording Frame Rate	960/800 fps
VGA Recording Frame Rate	960/800 fps
D1 Recording Frame Rate	320/256 fps
DVD-RW	Yes
Removable HDD Tray	1
Ethernet	10/100/1000 Mbps
USB 2.0	Front 2 ports, Rear 6 ports
Recording Resolution	NTSC:352 x 240 / 640480/ 720 x 480, PAL : 352x 240 / 640480/ 720 x 576
LCD Display	1024 x 768, 1280 x 1024, 1400 x 900, 1920 x 1200
Power Supply	350 Watt
Dimensions (WxHxD)	432*133* 529 mm
Rack Mountable	Yes
User Access	AVerDiGi MU3000 (Mouse)
Sensor/Relay	8/8
WatchDog	Hardware watchdog

User Interface:

Type	GUI
Modes	Compact and Advanced Mode
Display Formats	Auto scan with 1, 4, 8, 9, 13 or 16 split screen for monitoring and playback
E-Map Specifications	Support up to 8 E-Map
Night View Ability	Yes
Digital Zoom	Yes
Pan-Tilt-Zoom Control	Yes

Multiple Languages	English/Japanese/Traditional Chinese/Simplified Chinese/Arabic/Bulgarian/Czech/Danish/Dutch/Finnish/French /German/Greek/Hebrew/Hungarian/Italian/Norwegian/Polish/ Portuguese/Romanian/Russian/Slovak/Spanish/Swedish/Tai/ Turkish/User Define
Video Quality Settings	0-100
External Device:	
Dual Monitor Support	Yes
Spot Monitor Support	Yes
POS Integration	Yes
Recording Features:	
Recording Modes	Always/Motion/Smart/Voice Detection
HDD Size Estimation Tool	Yes
Video Encryption	Yes
Video Shield	Yes
Video Mask	Yes
Recycle Recording	Yes
Video Loss Detection	Yes
Event Log	Yes
Auto Record after Reboot	Yes
Playback Features:	
Video Search	Intelligent/ Visual/ Event search
Playback Features (cont):	
Watermark Verification	Yes
Playback Software on PC	Yes
Playback Availability	Yes
Playback Control	Begin/Previous/Slower/Rewind/Pause/Play/Faster/Next/End
Video Optimization	Digitally zoom in to specific areas on the video footage
Export Functions	Snapshot/ Print/Output Video Clip/Backup
Search Features:	
Visual Search	Yes
Search Criteria's	Yes
Bookmark Function	Yes
Watermark Verification	Yes
Export Functions	Snapshot/ Print/Output Video Clip/Backup

Back-up:	
Back-up features	CD/DVD/Pen drive/internal and external HDD
Over Heat Detection	Yes
Backup Functions	Schedule/ Quick Backup/ Manual Backup
Alarms/Sensors/Relays:	
Alarm Trigger Notifications	Launch E-Map/TV Out/Enlarge Camera View/Relay Output/Play warning sound/Make Phone Calls/Send E-Mail/File transmission via FTP/Start Recording/SMS/MMS/PTZ preset point/Alarm SOP/Send to CMS/Launch Program/Snapshot
Video Intelligence	Object Detection/ FaceFinder/ Object Counting
I/O Box Support	Yes
Remote Accessibility:	
Remote Accessibility	WebViewer
	CM3000
	PDAViewer
	JAVAVIEWER
	HandyViewer/SmartViewer/
	Remote Console
Audio	Yes
Pan-Tilt-Zoom	Yes
Backup	Yes
Dynamic DNS	Yes
Connection Types	LAN/512k/64k
Video Quality:	
De-Interlacing	Yes
Noise Reduction	Yes
Image Balance	Yes
iEnhance Software	Yes
iStable Software	Yes
Scheduling Abilities:	
Schedulable Functions	Record/Backup/Enable Network/Reboot/Disable Alarm
Allocations	weekly
	One time
Other:	
Attention Please	Yes
Virtual Keyboard	Yes
UPS support	Yes

Security Product Hardware Recommendation List

Recommendation List:

Note: Based on Intel’s suggestion, for all of Microsoft Windows XP Operating Systems, Hyper-Threading must be disabled in the system BIOS Setup program ([see FAQ for procedure](#)) for our DVR products.

For the most stable security DVR system, we strongly recommend NOT using VIA/SiS/ALi chipsets and SiS VGA chips with our products due to their severe limitation of the chipset design.

Note: Please make sure you are using the standalone VGA card with 128 MB memory above instead of built-in onboard VGA card in order to ensure the working stability and performance of the NV/NX series software.

Note: We highly recommend not applying the Samsung Hard disk drive to the SA/XR/EXR DVR products for recording or backing up video files usage.

SA6032E Series

PTZ Camera (Please visit our support/download section on our website for a complete support list)

Brand	Product Number
DynaColor	All products
Pelco	Pelco-D
	Pelco-P
Lilin	PIH 717X / 7000 / 7600 / PIH 7622/ 7622DH / 7635DH
Sony	15-CZ45-1 / EVI-D70P
DMP23-H2	DMP23-H2
MD101	all products
CD55	all products
NiceCam	all products
Yoko	all products
DiGiDome	DRX -502A (DOH-240)
SamSung	SCC-641
Canon	VC-C4R
Panasonic	WV-CS850 / WV-CW860 / WV-CS950 / CS850B / CW860A / WV-CZ352
Eastel	all products
MicroJack-P	all products
JVC	TK-C676 / TK-C675
Philps	TC8560, TC700
ELMO	PTC -200C
AmericanDynamics_UltraS	all products
Fastrax II	HID-2404

USB to Serial Hubs, could be compatible with POS Series, PTZ Camera, and UPS Series

Brand	Product Number
MOXA	Uport 1410

Raid System

Brand	Product Number
Stardom	SR3610-2S-SB2

PDA Basic requirement

Notice: This feature is only available on version 5.1 or above AP. For customers who are using 5.0 version of AP, please visit the Support/Download page to download and upgrade to the latest version of AP

1. CPU: Arm architecture, for example, Intel Xscale.
2. OS: Microsoft Window Pocket PC 2002/2003 or Mobile 5 above.
3. GPRS or WLAN module is recommended.

Windows Mobile Smartphone Basic Requirement

Notice: This feature is only available on version 5.7 or above AP. For customers who are using v5.5, v5.1 or v5.0 version of AP please visit the Support/Download page to download and upgrade to the latest version of AP

1. CPU: Arm architecture, for example, Intel Xscale.
2. OS: Windows-base, Windows Mobile 2002/2003 for Smart Phone Edition or Windows Mobile version.
3. Network module such as WAP, GPRS, WLAN....etc is required .

Symbian Smartphone Basic Requirement

Notice: This feature is only available on version 7.1 or above AP. For customers who are using v5.7, v5.5, v5.1 or v5.0 version of AP please visit the Support/Download page to download and upgrade to the latest version of AP

1. OS:Symbian Smartphone
2. The OS need to support JAVA MIDP 2.0(JAVA2 ME)
3. Network module such as WAP, GPRS, WLAN ...etc is required.

*Hardware recommendations are the minimum required hardware specifications for running our system and not a guarantee to achieve the best performance of our DVR systems. Hardware specifications required to achieve the best performance of our DVR system are subjected to different system settings and operation conditions.