

**EXR6008**

**Pure IP camera NVR solution; best for convenience stores and small businesses**



**Overview**

- Pure IP camera NVR solution; best for convenience stores and small businesses
- 8 channels Video input with D1 Real-Time recording rate
- Local/server site preview and playback from NVR directly
- Supports over 100 IP cameras from major brands
- Supports up to 2 Megapixel IP cameras and IP PTZ
- Integrated remote functionality allow access to video footage via mobile phone or PDA
- Supports Central Management System that allows for remote management and control of up to 1,000 DVRs
- Multi-operation interface: mouse, keyboard, remote control, front panel, and remote setup
- Multi-functional LCM display
- Support Gigabyte LAN for fast network connection speeds
- Effortlessly perform upgrades to the unit via the internet or a Pen drive

## EXR6008 Specifications

Operating System	Embedded Linux
Hybrid	No - Pure IP solution
IP Camera Support	Over 100 major IP camera brands supported including Megapixel
Video Format	NTSC or PAL
Software Compression	MJPEG, MPEG4
Video Output	CCTV or TV monitor
Video Input	8 channels (IP cameras only)
Audio Input	Up to 8 channels (depends upon IP camera specifications)
Display Rate	240 fps – CIF, 120 fps – D1
CIF Recording Frame Rate	240 fps
VGA Recording Frame Rate	240 fps
D1 Recording Frame Rate	240 fps
DVD-RW	Yes
Removable HDD Tray	1 HDD tray
Ethernet	RJ-45, 10/100/1000 Mbps
USB 2.0	4 ports
Recording Resolution	up to 1600 x 1200
Dimensions (WxHxD)	17 x 4 x 17 inches
User Access	2 users; 1 with complete administrative privileges and 1 with limited privileges
Sensor/Relay	Built in 8 sensors and 8 relays
Rack Mountable	Optional Rack ears
WatchDog	Yes - built-in system auto recovery after power failure

### User Interface:

Type	Graphic User Interface
Display Formats	Auto scan with full screen display under 1, 4, 8, 9 camera display modes
E-Map Specifications	Stores up to 8 maps with positions of cameras, sensors and relays
Pan-Tilt-Zoom Control	Yes - for IP cameras
Multiple Languages	Yes
Video Quality Settings	Yes

### External Device:

Dual Monitor Support	No
Spot Monitor Support	No
POS Integration	No

**Recording Features:**

Recording Modes	Continuous, Manual, Motion Detection, and Alarm trigger
HDD Size Estimation Tool	No
Video Encryption	No
Video Shield	No
Video Mask	No
Recycle Recording	Yes
Video Loss Detection	Yes
Event Log	Yes
Auto Record after Reboot	Yes

**Playback Features:**

Video Search	By date, time, camera, event and log files
Watermark Verification	No
Playback Software from remote site	Yes
Playback Availability	Playback while recording or setup.
Playback Control	Play, rewind or fast-forward footage including frame-by-frame control
Video Optimization	Digitally zoom in to specific areas on the video footage
Export Functions	Export single frames to .jpg files or export video clips to DVR files

**Search Features:**

Visual Search	No
Search Criteria's	Search by date, time, camera, event and event logs
Bookmark Function	Yes - Bookmark important footage for fast access
Watermark Verification	No
Export Functions	Export single frames to .jpg files or export video clips to DVR files

**Back-up:**

Schedule Back-up	No
Over Heat Detection	Yes
Backup Functions	DVD $\pm$ RW, Flash memory, external HDD, and RAID

**Alarms/Sensors/Relays:**

Alarm Trigger Notifications	Relay - System will turn on lights, lock gates, sound an external alarm, etc.
	Record - System will start capturing video footage from different angles on multiple cameras
	CM3000 - Event information will be automatically generated in the CM3000 for follow-up
Video Intelligence	No
I/O Box Support	No

**Remote Accessibility:**

Remote Accessibility	WebViewer - 1, 4, 8, 9, 13 or 16 split screen views with PTZ control
	PDAViewer - View video footage on a PDA in 1 or 4 split screens
	Remote Console - Remotely monitor, record or playback video footage
Audio	n/a
Pan-Tilt-Zoom	Yes - IP cameras through WebViewer or CM3000
Backup	Yes
Dynamic DNS	Yes
Connection Types	Internet or LAN speeds

**Video Quality:**

De-Interlacing	No
Noise Reduction	No
Image Balance	No
iEnhance Software	Yes - optimizes recorded video footage
iStable Software	Yes - smoothes video footage

**Scheduling Abilities:**

Schedulable Functions	Record, reboot, alarm and relay controls
Allocations	Functions can be scheduled in 1 hour increments
	Set for a one-time event or on a weekly repeating schedule

## 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.

### EXR6008

Brand	Model	Capacity
Hitachi	HDT725032VLA360	320GB
	HDP725025GLA380	250GB
	HDT725050VLA360	500GB
Seagate	SV35.3: ST ST3500320SV	500GB
	SV35.2: ST3500630SV	500GB
	SV35.3: ST3250310SV	250GB
Maxtor	STM3320820AS	320GB
	STM3250310AS	250GB
WD	WD2500YS	250GB
	WD2500AAKS	250GB
	WD1600AAJS	160GB
	WD7500AACS-00ZJB0	750GB
	WD5000AAKS-65TMA0	500GB

### PTZ Camera Support List:

Brand	Product Number
DynaColor	All products
Pelco	Pelco-D
	Pelco-P
Lilin	PIH 717X / 7000 / 7600
Sony	15-CZ45-1
DMP23-H2	DMP23-H2
MD101	all products
CD55	all products
NiceCam	all products
Yoko	all products
DiGiDome	DRX -502A (DOH-240)

<b>SamSung</b>	SCC-641
<b>Canon</b>	VC-C4R
<b>Panasonic</b>	WV-CS850 / WV-CW860
<b>Eastel</b>	all products
<b>MicroJack-P</b>	all products
<b>JVC</b>	TK-C676
<b>Philps</b>	TC8560, TC700
<b>ELMO</b>	PTC -200C
<b>AmericanDynamics_UltraS</b>	all products

PTZ Camera [Please click here for the full IP camera support list](#)

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

<b>Brand</b>	<b>Product Number</b>
<b>MOXA</b>	Uport 1410

Raid System

<b>Brand</b>	<b>Product Number</b>
<b>Stardom</b>	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.