EB1304NET SATA

Affordable embedded DVR solution; best for small K-12 campuses and small convenience stores

EB1304NET SATA+

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Overview

- Affordable embedded DVR solution; best for small K-12 campuses and small convenience stores

- 4 channels Video and 1 channel Audio input with 120 fps recording rate

- Lightweight and Compact size (1/5 of general DVR net weight)

- Thermal testing verification approved

- Heat-resistance material

- Supports standard 3.5" SATA HDD

- Supports PTZ control

- Supports Central Management System, allowing for remote management and control of up to 1,000 DVRs

- Intelligent Motion Detection feature records only when activity is detected preserving HDD space

- System will auto scan through all channels based on channel rotation settings

EB1304NET SATA and NET SATA + Specifications

Operating System	Embedded Linux and RTOS
Hybrid	No
IP Camera Support	n/a
Video Format	NTSC
Software Compression	MPEG4
Video Output	CCTV, TV or LCD monitor
Video Input	4 channels (BNC connectors)
Audio Input	1 channels (optional 4 channels available)
Display Rate	120 fps
D1 Recording Frame Rate	60 fps
CIF Recording Frame Rate	120 fps
Recording Resolution	up to 720x480
User Access	2 users; 1 complete Administrative access and 1limited privileges
Sensor/Relay	Built in 4 sensors and 1 relays
Removable HDD Bay	No
Number of HDD supported	1 (Standard 3.5" SATA HDD)
Dimensions (WxHxD)	9.2 x 6.3 x 1.97 inches

User Interface:

Type	User Interface
Display Formats	Full screen or Quad split-screen
Pan-Tilt-Zoom Control	Yes
Multiple Languages	Yes
Video Quality Settings	Yes - Hue, Brightness, Saturation and Contrast

External Device:

Spot Monitor Support	No

Recording Features:

Recording Modes	Manual, Motion Detection, Schedule, Sensor trigger, & Alarm trigger
HDD Size Estimation	Yes - Percent of HDD remaining
Recycle Recording	Yes
Video Loss Detection	Yes
Event Log	Yes

Playback Features:

Watermark Verification	Yes
Playback Software on PC	Yes
Playback Availability	Playback while recording or setup
Playback Control	Play/rewind/fast-forward footage including frame-by-frame control
Export Functions	Yes to MPEG and AVI files through USB playback utility

Search Features:	
Visual Search	No
Search Criteria's	Search by date, time, and event

Back-up:	
Schedule Back-up	Yes with installed Web tools software
Over Heat Detection	No
Backup Functions	USB device (Pen Drive)/external HDD x 1

Alarms/Sensors/Relays:	
Alarm Trigger Notifications	Relay - Will turn on lights, lock gates, sound an external alarm, etc.
	Record - System will capture video from different angles on multiple cameras
	CMS3000 - Event information will be auto generated in CMS3000
Video Intelligence	Motion Detection
I/O Box Support	Built in 4 sensors and 1 relays

Remote Accessibility:	
Remote Accessibility	WebViewer - 1 or 4 split screen views
	PDAViewer - View video footage on a PDA in 1 or 4 split screens
	HandyViewer/SmartViewer - View video footage on compatible cell phones
	CMS3000 – Control & manipulate up to 1000 DVRs remotely; Includes E-Maps
	Remote Console - Remotely monitor, record or playback video footage
Dynamic DNS	Yes
Connection Types	Internet or LAN speeds

Video Quality:	
Noise Reduction	Yes
iEnhance Software	Yes - optimizes recorded video footage
iStable Software	Yes - smoothes video footage

Scheduling Abilities:	
Schedulable Functions	Record
Allocations	Functions can be scheduled in 1 hour increments

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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

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 v.5.5, 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, v.5.5, 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 recommendation is the minimum required hardware specification for running our systems and is not a guarantee to achieve the best performance for our DVR systems. Hardware specifications required to achieve the best performance of our DVR systems are subject to different system settings and operation conditions.