

EB5416DVD Pro

Affordable enterprise embedded solution; best for mid-sized businesses and educational campuses



Overview

- Affordable enterprise embedded solution; best for mid-sized businesses and educational campuses
- 16 channels Video and Audio input with Real-Time recording
- Front panel touchpad and jog shuttle allow for easy and robust control without an external keyboard or mouse
- View live video on compatible mobile phones
- Support's iSync mode - watch live video and playback on the same screen simultaneously
- Includes Motion Detection mask and shield (30x20/ 30x24 blocks) for powerful control of recording areas
- Will save up to 5 seconds of pre-alarm video footage from incidents
- Bundled remote control includes Hot-key feature that allows speedy access to most used functions
- Effortlessly perform upgrades to the unit via internet or a Pen drive

EB5416 Pro 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	16 channels (BNC connectors)
Audio Input	16 channels
Display Rate	480 fps
D1 Recording Frame Rate	240 fps
CIF Recording Frame Rate	480 fps
Recording Resolution	up to 720x480
User Access	2 users; 1 with complete administrative privileges and 1 with limited privileges
Sensor/Relay	Built in 16 sensors and 4 relays
Removable HDD Bay	Yes
Number of HDD supported	1
Dimensions (WxHxD)	431 x 105 x 373 mm or approximately 17 x 4 x 15 inches

User Interface:

Type	User Interface
Display Formats	Auto Scan with 1, 4, 8, 9, 13 or 16 split screen for monitoring and playback
Pan-Tilt-Zoom Control	Yes
Multiple Languages	Yes
Video Quality Settings	Yes - Hue, Brightness, Saturation and Contrast

External Device:

Spot Monitor Support	Yes
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Recording Features:

Recording Modes	Manual, Motion Detection, Schedule, Sensor trigger, and 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 or fast-forward footage including frame-by-frame control
Export Functions	Export single frames to BMP or export video clips to AVI with time & date stamp

Search Features:	
Visual Search	No
Search Criteria's	Search by date, time, event and event logs
Export Functions	Export single frames to BMP files or export video clips to AVI files
Back-up:	
Schedule Back-up	Yes with installed Web tools software
Over Heat Detection	No
Backup Functions	USB device (Pen Drive)
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
	CMS3000 - Event information will be automatically generated in the CMS3000 for follow-up
Video Intelligence	Motion Detection, Video Mask and Video Shield
Alarms/Sensors/Relays:	
I/O Box Support	Built in 16 sensors and 4 relays
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
	HandyViewer/SmartViewer - View video footage on compatible cell phones
	CMS3000 – Control/manipulate up to 1000 DVRs remotely with PTZ and 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

Security Product Hardware Recommendation List

EB5416DVD Pro

Hard Disk Drive

Brand	Model	Capacity
Hitachi	HDT722520DLAT80	200GB
	HDT725025VLAT80	250GB
	HDT725032VLAT80	320GB
	HDT725050VLAT80	500GB
Seagate	ST 3200827A	200GB
	ST 3250820A	250GB
Maxtor	6L 160PO	160GB
	6L 300R0	300GB
	STM 3320620A	320GB
WD	WD3200JB-00KFA0	320GB

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 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.**