

EB1304MOB

Affordable embedded mobile solution; best for school buses and government transportation applications



Overview

- Affordable embedded mobile solution; best for school buses and government transportation applications
- 4 channels Video and 1 channel optional Audio input with 120 fps recording rate
- Free bundled iStable software smoothes the shaking and jolts of mobile units for maximum video clarity
- Powerful rubber insulation and mounting brackets included to provide sturdy anti-vibration protection
- Support 2.5" or 3.5" hot swappable HDD
- Power circuit protection for peak voltage
- 7 segment LED lights give a quick and easy snapshot of system status and product settings
- Over heating of unit is prevented by stopping HDD recording and turning fans on if unit is out of normal temperature range
- Included camera cables provide stable power to cameras for operation even under low voltage

EB1304 MOB 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 channel
Display Rate	120 fps
D1 Recording Frame Rate	60 fps
CIF Recording Frame Rate	120 fps
Recording Resolution	up to 720x480
User Access	1 user with complete Administrative access
Sensor/Relay	Built in 4 sensors and 1 relays
Removable HDD Bay	Yes
Number of HDD supported	1
Dimensions (WxHxD)	200 x 80 x 258 mm or approximately 8 x 3 x 10 inches

User Interface:

Type	User Interface
Display Formats	Full screen or Quad split-screen
Pan-Tilt-Zoom Control	No
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, and Sensor 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 or Record or Setup
Playback Control	Play, rewind or fast-forward footage including frame-by-frame control
Export Functions	Export single frames to BMP files or export video clips to AVI files with time and date stamp

Search Features:

Visual Search	No
Search Criteria's	Search by date, time, and event
Export Functions	Export single frames to BMP files or export video clips to AVI files

Back-up:

Schedule Back-up	No
Backup Functions	USB cable via PC

Alarms/Sensors/Relays:

Alarm Trigger Notifications	No
Video Intelligence	Motion Detection
I/O Box Support	Built in 4 sensors and 1 relays

Remote Accessibility:	
Remote Accessibility	No
Pan-Tilt-Zoom	No
Dynamic DNS	No
Connection Types	No remote accessibility
Video Quality:	
Noise Reduction	Yes
iEnhance Software	Yes - optimizes recorded video footage
iStable Software	Yes - smoothes video footage
Mechanism Protection:	
Over Heat Protection	Yes - system will stop HDD recording when over 151 ° F, and turn on fans at 115 ° F to cool unit automatically.
Cable	Yes - patented Omega-type ring helps prevent the power cable from getting loose
Maximum Shock Tolerance	20G, 11ms
Normal Temperature Range	Between 41 ° F and 104 ° F
Normal Vibration Range	Between 5 and 500Hz, 1G
Scheduling Abilities:	
Schedulable Functions	Record
Allocations	Functions can be scheduled in 1 hour increments

Security Product Hardware Recommendation List

EB1304 MOB

Hard Disk Drive

Brand	Model	Capacity
WD	WD800JB	80GB
	WD1200JB	120GB
	WD1600JB	160GB
	WD2000JB	200GB
	WD2500JB	250GB
	WD3200JB	320GB
Hitachi	HDS728080PLAT20	80GB
	HDT722516DLAT80	160GB
	HDT722520DLAT80	200GB
	HDT722525DLAT80	250GB
	HDT725025DLAT80	250GB
	HDT725032DLAT80	320GB
	HDT725040DLAT80	400GB
	HDT725050DLAT80	500GB

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