

EB1704HB WiFi-4 Specifications

Operating System	Embedded Linux and RTOS
Hybrid	Yes
IP Camera Support	Bundled with 4 wireless IP cameras (CMOS or CCD)
Video Format	NTSC
Software Compression	MPEG4
Video Output	CCTV, TV or LCD monitor
Video Input	4 channels (BNC connectors)
Audio Input	4 channels
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 privileges & 1 limited privileges
Sensor/Relay	Built in 4 sensors and 1 relays
Removable HDD Bay	Yes
Number of HDD supported	1
Dimensions (WxHxD)	330 x 57 x 393 mm or approximately 13 x 2 x 15 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, 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 or fast-forward footage including frame-by-frame
Export Functions	Export single frames to BMP or video clips to AVI with time & date stamp

Search Features:

Visual Search	No
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Search Features (continued) :	
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 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
I/O Box Support	Built in 4 sensors and 1 relays
Remote Accessibility:	
Remote Accessibility	WebViewer – 1/4 split screen views with PTZ control for hybrid cameras
	PDAViewer - View video footage on a PDA in 1 or 4 split screens (both Audio and Video)
	HandyViewer/SmartViewer - View video on compatible cell phones
	CMS3000 - Control and manipulate up to 1000 DVRs remotely; Includes hybrid 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

EB1704HB WiFi-4 CMOS Camera Specifications



- VGA Resolution (640 x 480) at 30 Frames-per-second
- Support MPEG-4 and M-JPEG Dual Video Streaming
- Support Mobile Phone 3GPP Live Video
- Support 802.11g Wireless and Wired 10/100 Base-T Ethernet
- Support Multiple Platform (Windows, Mac and Linux)
- Motion Detection & Email Alert

Video

Image Sensor	CMOS, 1/6" VGA Resolution
Lens	F2.8 Fixed Focus, Effective Range: 0.2M to infinity
Compression	MPEG-4/M-JPEG Dual Stream
Resolution Support	640x480, 320x240, 160x120
Frame Rate	Up to 30 frame per second in VGA (640x480)
Image Control	AWB, Brightness
Video Options	Motion-Detection, Time Stamp, Text Overlay
3GPP	160x120@15fs, MPEG-4 for mobile phone viewing

Audio

Compression	G.711, G.726 ADPCM
Microphone/Speaker	Bi-directional audio, built-in Mic and external Speaker
Audio Option	On-Off control on web interface and Windows playback

Network

Protocols	TCP/IP, SMTP, HTTP, DHCP, NTP, RTSP/RTP, UPnP
LAN	Ethernet 10/100BaseT

Wireless

Standard	IEEE 802.11b and 802.11g
Operation Modes	Infrastructure/Ad-Hoc
Range	Indoor: 50m
Encryptions	WEP 64 Bits/128 Bits, WPA-PSK Personal, WPA2 Personal
Frequency	2.4~2.4835GHz, DSSS
Antenna	2dbi, Detachable

Hardware

LED Indicators	Power, Active, Network
Connector	Ethernet RJ-45, Speaker out, DC Power, Reset button
Power Adapter	5V/1A, 100/240 VAC
Certification	CE/FCC
Dimensions (HxWxD)	96 x 90 x 36 mm (3.8" x 3.5" x 1.4")
Weight	131g (0.29lb.) without stand, 256g (0.56lb.) with stand

Software

Management Interface	Windows Setup utility, Web based user interface
Client Support	Web Browser, Windows Utility(Monitor, Report & Playback)
Security	Username and Password
E-mail Notification	Triggered by motion detection
Users	5 simultaneous users