

••• **EB1704 Hybrid**

Entry-level embedded hybrid DVR solution; best for homes and small retail (ex. pawn, jewelry, etc.) stores



Overview

- Entry-level embedded **hybrid** DVR solution; best for homes and small retail (ex. pawn, jewelry, etc.) stores
- 4 channels Video and 4 channels Audio input with 120 fps recording rate
- Supports Central Management System that allows for remote management and control of up to 1,000 DVRs
- View live video on compatible mobile phones
- Intelligent Motion and Sensor Detection allows for recording only when activity or relay is detected

EB1704 Hybrid Specifications

| | |
|--------------------------|--|
| Operating System | Embedded Linux and RTOS |
| Hybrid | Yes |
| IP Camera Support | Over 100 major IP camera brands supported including Megapixel |
| 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 with complete administrative privileges and 1 with limited privileges |
| Sensor/Relay | Built in 4 sensors and 1 relays |
| Removable HDD Bay | Yes |
| Number of HDD supported | 2 |
| 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 | Yes |
| Multiple Languages | Yes |
| Video Quality Settings | Yes - Hue, Brightness, Saturation and Contrast |

External Device:

| | |
|----------------------|-----|
| Spot Monitor Support | Yes |
|----------------------|-----|

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 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 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 - 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 |
| Alarms/Sensors/Relays (cont): | |
| 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 with PTZ control for hybrid cameras |
| | PDAViewer - View video on PDA in 1/4 split screens (both Audio & Video) |
| | HandyViewer/SmartViewer - View video footage on compatible cell phones |
| | CMS3000 - Control & 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 |

Security Product Hardware Recommendation List

EB1704 HYBRID

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 |

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