Aver BD-NEH1004HN 4ch hybrid DVR w/ GUI & Local Display

Part Number: BD-NEH1004HN

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| Aver NEH1004HN 4ch hybrid DVR w/ GUI & Local Display Key Features: • 4 Channel, True Hybrid DVR • Embedded Linux • Award-Winning GUI • Hardware H.264 Compression • Comprehensive Remote Management via iPhone, Blackberry devices and more

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| The GUI - Built for Efficiency As opposed to typical and laborious menu driven interfaces, the EH1004H’s Graphical User Interface (GUI) maximizes user effectiveness while minimizing training time. The visual layouts and intuitive controls of the EH GUI, ensures that users can simply point-and-click to see who’s entering the building, search through alarms for the week or take immediate command of an unraveling event! | http://www.cctv.net/v/vspfiles/assets/images/gui.png |
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| http://www.cctv.net/v/vspfiles/assets/images/h264.png | H.264 - Revolution in Quality Industry leading H.264 compression ensures that the EH drastically reduces video files sizes while maintaining the integrity and quality of images. Amplifying the benefits of H.264 is the EH’s Hardware Compression that enhances system performance by utilizing very little PC CPU and RAM resources. |
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| Hybrid - The Power of ChoiceEvery channel of the EH’s 4 channels can be connected to either an analog or IP camera, with support for 50+ brands of IP cameras. For the miniscule percent of cameras that aren’t supported yet, just notify AVer and they will be integrated for free! No worrying about camera compatibility, no added licensing fees, no restrictions on IP channels – the AVer EH truly defines hybrid. | http://www.cctv.net/v/vspfiles/assets/images/hybrid.png |
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|  http://www.cctv.net/v/vspfiles/assets/images/averremote.jpg | Mobility that Really Goes the DistanceiPhone, Blackberry, Windows Mobile, remote computers and laptops, if you have an internet connection - you have video. One of the biggest advantages of the EH1004 is that it records and replays simultaneously and can be remotely viewed by a number of independent authorized users. |
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| The Features - Specialized Settings for Special Needs Offices facing busy streets - just one example of facilities whose motion based recordings could eat up valuable storage space. One of the many solutions the EH offers is the Video Mask through which users can partition off areas from triggering motion based recordings. Other features include: Smart recording features which allows users to maximize storage while recording continuously, POS text overlaid on video, multiple event responses and more. |

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| Front Panel Connections |
| Front panel controls | IR Extension Port |
| DVD writer  | Not Included |
| USB 2.0  | 2 |
| Rear Panel Connections |
| Video Inputs (analog) | 4 - BNC connectors |
| Video Inputs (IP)  | 4 video H.264/MPEG4/JPEG data streams |
| Video Output  | 1 - VGA out, 2 - Spot Monitor Out |
| Audio Input/Output  | 1-Apr |
| Microphone Input | 0 |
| Alarm Inputs/Relay Outputs | 1-Apr |
| E-SATA | 1 |
| USB 2.0  | 0 |
| Communication | 1x - RS232, 1x - RS485 |
| AC Power | Power Button, Power Adapter (12V DC) |
| Unit  |
| Operating system  | Embedded Linux |
| Compression (analog) | H.264 |
| Video Format  | Analog | NTSC: 352x240 (CIF), 720x240 (Half-D1), 720x480 (D1) |
| IP | Up to 2MP per channel |
| Recording | Analog | Individually Adjustable | CIF | Half-D1 | D1 |
| Rates | (0 - 30fps) | 120fps | 120fps | 60fps |
|   | IP | FPS is over 4 channels |   | H.264 | MJPEG |
|   | at given MP resolutions | 1.3MP | 100fps | 25fps |
|   |   | 2MP | N/A | 16fps |
| Storage  | Capacity | Supports 1 Internal SATA HDD  |
| eSATA | 1 eSATA connector, Support eSATA RAID |
| Communication | RS 485 | 1, Terminal block, Tx+, Tx-, Rx+, Rx- |
| Ports | RS 232 | 1, 9 Pin, Male |
| Networking | 1x - 10/100/1000 Base-T Ethernet, RJ-45 |
| Supported IP cameras (support IP PTZ, IP IO, & IP audio if IP cameras built-in) | AXIS, Panasonic, SONY, Arecont, Mobotix, |
| BOSCH, IQinvision, JVC, TOSHIBA, VIVOTEK, ACTi, |
| D-Link, PiXORD, PELCO, Apron, Lilin and more |
| Operator Interface | USB mouse, USB PC keyboard, Remote controller |
| (supports optional IR extension cable) |
| Browser/Remote Client | MS Internet Explorer 6+, Windows 2000, XP, VISTA |
| Mechanical |
| Dimensions (H x W x D) | 2.1 x 9.2 x 6.3in |
| Weight  | 1.25 lbs (not including optional HDD) |
| Regulatory |
| Emissions | FCC: Part 15, Class A |
| Software |
| Interface | Graphical user Interface (world's first in Emb. Linux) |
| Account Administration | Up to 32 accounts with configurable user privileges |
| Camera Administration | Individually adjust analog camera fps/resolution  |
| PTZ Control | Zoom-in/Zoom-out, Focus-in/Focus-out, Direction, Speed, Preset point, Autopan |
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| De-interlace options | Optimize for dynamic/static analog camera scenes |
| Playback Administration | Playback while recording or setup |
| Play, rewind, fast-forward, frame-by-frame control |
| Digitally zoom to specific regions in recorded video |
| Export single frame to .jpg, export video clip to .DVR |
| Motion Detection  | Configurable to sense mass/motion; can partition off areas in monitoring regions from motion triggers (Analog Cameras only) |
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| Event Recording: Schedule | Continuous, Smart, Motion, Alarm and Manual |
| Video Event Search | Date/time, camera, event and log files |
| Advanced Event Log  | Full event/operation/system/network activities log |
| Alarm Notifications | Launch or send E-map, relay, video capture, CM3000 |
| or E-mail notification  |
| E-map Display | Positions of cameras, sensors, relays & event status |
| iEnhance | Enhance video quality such as Brightness/Contrast/ Hue/ Saturation/ Sharpness/ Noise Reduction/De-interlace/ Gray Scale of recorded video |
| iStable | One-click fix for shaky video caused by camera movement (such as wind or vandalism) |
| Remote Management |
| Central Management | CM3000 software - supports up to 1000 DVRs |
| Remote DVR connectivity | WebViewer (MS Internet Explorer only), Remote Console, JavaViewer, PDAViewer |
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| Dispatch Server | Balance NVR communication for added client access and greater data transfer speeds |
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| DDNS  | Allow remote clients to search dynamic servers without enquiring for server's IP address |
| Environmental |
| Temperature  | Operating | 32 ° to 104 °F |
| Storage | -22°F to 140 °F |
| Relative | Operating | 50%-80% |
| humidity  | Stored | 90% |
| Warranty |
| 2 Year Limited Parts and Labor |
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