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

Part Number: BD-NEH1004HN

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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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