

HauteSHOT microNVR™2000 Series

Mobile Wireless Network Video Recorder



Intelligence. Performance. Capacity.

Taking Video Beyond the Edge

The HauteSHOT microNVR™2000 is HauteSpot's flagship product. It is a full feature NVR with built-in routing capabilities. The HauteSHOT microNVR2000 can capture up to 150fps of 1080p (2MP) video via any combination of USB, Ethernet, analog, or wireless IP connections. That is enough encoding capacity to support 20, 2MP cameras at 7 FPS, and it has the storage capacity to match. It can stream live video anywhere, any time, where you want it, and when you want it. Viewable from a PC/Mac or on your smart phone and tablet.

Choose Any VMS

A key benefit of the microNVR2000 is that you aren't locked down to just one VMS platform. Choose from any top name in VMS such as ExacqVision, Milestone, OnSSI, and more! This allows you to choose the feature sets that best fit your application. Make sure to visit each respective VMSs' website for information on camera compatibilities.

Open Platform

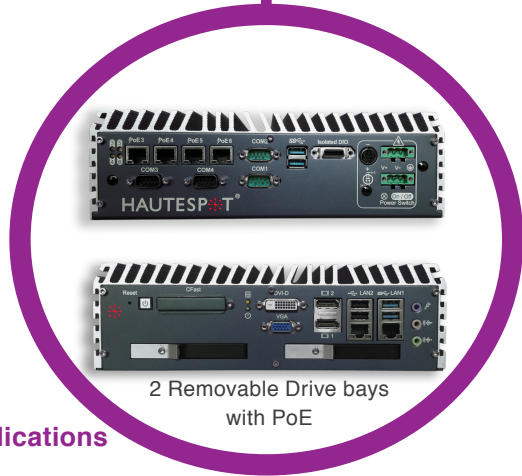
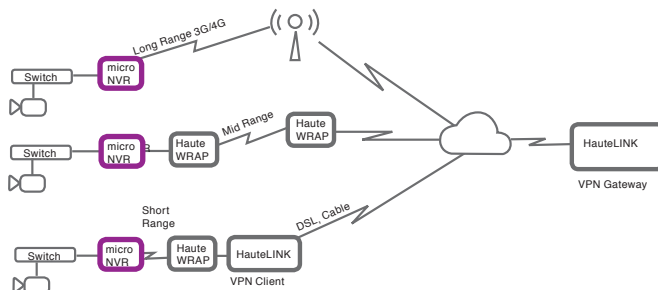
The HauteSHOT microNVR2000 is a 2x2 MIMO wireless and optional cellular wireless open platform mobile or edge NVR that supports both Microsoft Windows and Linux operating systems. It supports megapixel IP cameras from a variety of vendors and best in class software applications. It is ideal for mobile and remote applications, such as in vehicle or on a pole. Measuring only 10" x 8" x 3", the microNVR2000 can be easily mounted out of sight, under a seat, or on a kickboard of a vehicle. With an optional AC to DC power supply, you can also use the microNVR2000 as a small office NVR where remote communication is a challenge.

Remote Viewing & Instant Playing

The HauteSHOT microNVR2000 is easy to use with an intuitive interface and powerful remote management capabilities. Web based management tools allow for complete system management remotely, from any location over any network connection.

Scalable ROI & Cost Effectiveness

The HauteSHOT microNVR2000 is the basis for a distributed video storage architecture. As you add cameras, simply add microNVRs in the field next to the cameras. Using dynamic hierarchical storage models, you can move video from the microNVR to cloud or near line storage, saving time and money, and creating multiple layers of redundancy.



Applications

- Small office remote monitoring
- Forward operating bases for military – force protection
- Border security
- Parks security
- Mobile Operations Center
- In Vehicles such as trains, planes, buses with many cameras
- Hybrid VMS
- Analog LPR cameras

Benefits

- Low initial investment
- Stream video anywhere, any time
- Geographically distributed, centrally managed
- Easy to manage and configure
- 2TB internal storage and unlimited external storage
- Open architecture
- Chose any VMS
- Auto-boot on power
- Disk protection extensions
- Built-in 4 port PoE switch (802.3af/at)

RADIO MODULE FEATURES

TECHNOLOGY

- 802.11 a/b/g/n
- 2Tx2R MIMO

802.11 DATA RATES

- a: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
- b: 11, 5.5, 2, 1 Mbps
- g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
- n: up to 300 Mbps

SECURITY

- WEP 64-bit Encryption
- WEP 128-bit Encryption
- WPA (WiFi protected access)
- WPA2 with AES CCMP

RF SENSITIVITY

- 802.11a: -77dBm
- 802.11b: -85dBm
- 802.11g: -67dBm
- 802.11n:
 - -74dBm at HT20 MCS15
 - -73dBm at HT40 MCS15

RF OUTPUT LEVELS (+/-1 dB)

- 802.11a: 14dBm at 54Mbps
- 802.11b: 12dBm at 54Mbps
- 802.11g:
 - 16dBm at 54Mbps
 - 19dBm at 6Mbps
- 802.11n: 2.4G HT20:
 - 12dBm at MCS15
 - 15dBm at MCS0
- 802.11n: 2.4G HT40:
 - 11dBm at MCS15
 - 14dBm at MCS0

EMC CERTIFICATION

- EN300 328 , EN301 489-17, EN301 893 EN60950
- FCC, Taiwan NCC
- AS/NZS 4771

ROUTER FEATURES

- HauteRouterOS
- Firewall routing
- Port forwarding
- IP filtering
- Multi-home addressing
- Allows direct access to any IP camera interface
- VPN secure tunneling with AES encryption
- VLAN tagging, bridging Mesh wireless
- WDS (wireless distribution service) for transparent bridging
- NTP, DHCP, SNMP, SSH, Telnet, Web Proxy

VMS FEATURES

- Live viewing on HD monitor
- Robust security and administration
- NVR Functions:
 - Store up to 10,000 hours of video from up to 20 cameras
 - Digital Pan/Tilt/Zoom
 - Multi-image HD monitor output
 - Export user-selected clips
 - Search, record, playback and save files simultaneously

HARDWARE FEATURES

SYSTEM

3rd Generation Intel®Quad™ Core i7 Ivy Bridge Processor (6M Cache at 3.30 GHz)

MEMORY

8GB DDR3 1600 MHz (16GB on special order)

INSTRUCTION SET

64Bit

MAXIMUM THERMAL DISSIPATED POWER

45W

IO PORTS

- Serial: 1 COM RS-232, 1 COM RS232/485/422
- USB: 4 x USB 3.0, 2 USB 2.0
- Ethernet: 2 x 10/100/1000 Mbps on RJ45 or 9 x 10/100/1000 Mbps on RJ45

AUDIO

- Codec: Realtek ALC892, 5.1 Channel HD Audio
- Ports: Line-in, Line-out, Mic-in

GRAPHICS

- Chipset: Intel GMA HD4000
- Shared Memory: Up to 1.7GB
- Interface:
 - DB-15 VGA | 1920x1200 max.
 - DVI-D | 1920 x 1200 max.
 - Display port 1 | 2560 x 1600 max.
 - Display port 2 | 1920 x 1200 max.
 - LVDS | Dual Channel 24-bit | 1920x1200 max.
 - H.264 Codec Perf.: 1080 p @150 fps

VIDEO

Optional:

- 4 ch 120 FPS D1 video capture
- 4 ch audio capture
- Connectors: BNC type

POWER

- Input connector:
 - 1 Mini Din
 - One 3-pin Terminal Block for DC-IN: V+, V-, Frame Ground
- Voltage: DC-IN 6~36V
- Power Consumption:
 - 30W at low CPU load
 - 45W nominal
 - 11W on standby
- Power Supply: 90-240VAC to DC +24V/5A 120W Max.

STORAGE

- Internal: 2 x 2.5" eSTAT III 6Gbps with choice of:
 - 120GB SSD or
 - 1TB HDD
- External: 2 mSATA II 3 Gbps
 - CFast Slot, External Hot-swap, Push In/Out Ejector

MECHANICAL

- Size: 10.2" x 8.5" x 3.11"
- Weight: 6.6 lbs
- Mounting: Wall mount bracket included

ENVIRONMENTAL

- Operating Temp: -25°C to 70°C (-13°F to 157°F)
- Storage Temp: -40°C to 85°C (-40°F to 185°F)
- Humidity: 10% to 95% Humidity, Non-condensing
- Vibration:
 - Random: 0.5Grms@5~500Hz according to IEC68-2-64
 - sinusoidal: 0.5Grms@5~500Hz according to IEC68-2-64
 - Shock: Operating, 20Grms, Half-sine 11 ms Duration: (w/SSD, According to IEC60068-2-27)
 - EMC: CE/FCC Class A

CELLULAR WIRELESS

- Custom options available
- LTE/UMTS/HSPA+/EVDO/GSM

OPERATING SYSTEM

- Windows 7 Pro with HauteSpot drivers and disk protection extensions
- Linux Long Term Support with desktop GUI, HauteSpot drivers, and disk protection extensions

MVV LICENSE

HauteSpot MVV™ VMS and Storage solution purchase separately

TESTED VMS

SoleraTec Phoenix RSM, Exacq, Genetec, Milestone, Network Optix, DVTel, OnSSI, Axxon, ZoneMinder, Blue Iris, View Commander, 3VR, Geutebruck, 3x Logic, Vigilant, Verint, Video Insight.

WARRANTY

One year parts and labor

Contact Us

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