

## 24 Channel 240/240 FPS D1-HC2 PCIe1 Platinum Hardware Compressed DVR Cards

### High-Speed Recording on 24 cameras at up to 30fps per camera / up to 704x480 resolution

#### VIDEO:

- Real-time full-motion video (max. 30fps per channel) on up to 64 channels
- Synchronous audio on up to 64 channels
- Up to 64 cameras can be viewed simultaneously from a single monitor
- Multiple monitor / Virtual Matrix feature will output cameras to additional screens connected to your video graphics card(s), both on DVR Server and Client NVR, use up to 4 screens per system; eliminate the need for a multiplexer!
- Hardware-compressed H.264 provides up to twice the compression of MPEG-4 ASP, in addition to improvements in quality
- PAL: 4CIF (704x576), 2CIF (704x288), CIF (352x288)
- NTSC: 4CIF (704x480), 2CIF (704x240), CIF (352x240)
- Live View: Real-Time 30fps per channel (240fps total)
- Recording: Real-Time 30fps per channel (240fps total) @ CIF, 2CIF, and 4CIF. •
- Records compatible Megapixel IP Cameras at 5 Megapixels (2592x1936). Scroll down for list of compatible IP cameras.
- Outputs software at up to 1920x1080 (1080P), but requires a video card with HDCP capability.

#### SOFTWARE:

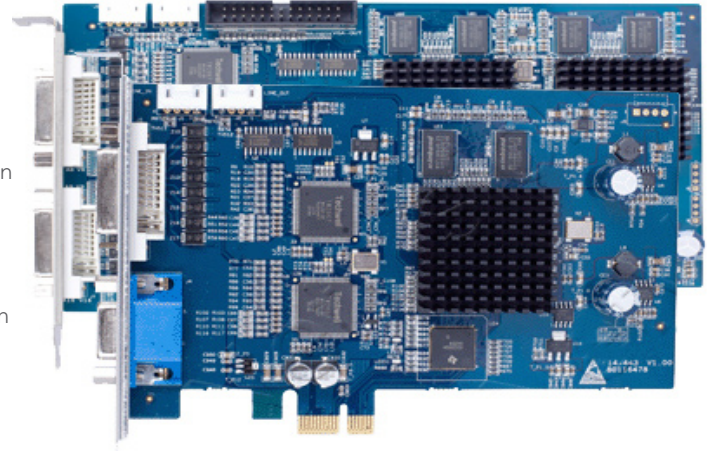
- Multi-zone motion detecting (entire frame or up to 12 detection zones per channel) with Privacy Mask option
- Four recording modes: Continuous recording, Motion Detection, External Sensor, or Sensor/Motion
- Alarm email message auto-sending with photo attachment
- SMS Text message auto-sending when using a modem.
- Hardware watchdog support with auto-reboot
- Position and color-configurable OSD & Logo with Date/Time stamp
- Watermarking
- P/T/Z/F & Speed Dome control through software or keyboard -- no additional hardware required
- Search/playback by date/time directory (random-access)
- Advanced Smart Search: only search footage within a designated area in playback mode instead of viewing countless hours of video
- Backup options include CD, DVD, USB, Network, Remote Backup, Blu-Ray (optional)
- Easy conversion to play with Windows Media Player format without need for installing CODECS
- Free lifetime software updates
- Video Analytics: Unattended Object Detection, Smoke and Fire Detection, Movement Direction Detection, Intrusion Detection, Tripwire Detection, Face Detection, Object Counting

#### NETWORK:

- DDNS for dynamic IP addresses
- Remote access, administration, and recording on client computer through NVR Client on LAN (network) or WAN (Internet)
- Robust NVR Client to view up to 64 cameras simultaneously
- Versatile IE Client to view up to 16 cameras simultaneously
- View multiple locations from one NVR Client
- Bi-directional two-way remote communication between multiple DVR servers in various locations
- Remote view and PTZ Control on Mobile Phone or PDA (requires Java and CDMA / GPRS), or use mobile apps. Click here for compatible mobile clients.
- DVR Client's Compatible OS: Windows XP, 2000, Server, Vista, 7, including 64-bit compatibility

#### EXPANSION / OPTIONS:

- Hybrid IP Camera Integration -- add any numbers of IP cameras that the software and CPU will support. The DVR cards are for analog channels only. IP cameras will be numbered after the analog channels.
- The software has a 64 channel maximum, so if using all 64 channels for analog, there will not be any space for IP cameras.
- Compatible with most major name brand IP cameras: eDigitalDeals, ONVIF version 1.01, Sony, Mobotix, Axis, Camtron, ACTi, Huvion, Arecont Vision. Will record at up to 5 Megapixels (2592x1936). Click HERE for a list of compatible cameras that support motion detection recording. Non-eDigitalDeals cameras require a license to record.
- Capable of Integration with POS on up to 16 registers: view live, or search recorded transactions -- text inserter can also be used with ATMs or any text-generating device
- Capable of Integration with optional alarm box



#### • H.264 HARDWARE CODEC

- High Speed Recording on 24 cameras at up to 30fps per camera ; up to 704x480 resolution
- Playback recorded footage over IE
- Motion Detection, Continuous or by Recording Schedule
- Search by Day, Date and Time down to the second
- Remote Viewing over the Internet

### In The Box:

- D1-HC2 PCIe1 Platinum DVR Cards
- Dongle Cables (octopus cables for video and audio inputs, and one additional BNC output per card for Matrix)
- Expansion cable (to stack/piggy-back on another D1 series card)
- Software CD-ROM
- Printed Quick-Start Guide

### Requirements:

- **Dedicated** PC-Based System
- **Two** PCIe slots
- Power consumption: **20 watts total**
- Operating System (32-bit or 64-bit): Windows XP, 2000, Server 2003, Vista, Windows 7. Mac is for NVR Client only.
- CPUs : Intel Pentium 4, Dual-Core, Pentium D, Core 2 Duo, Core 2 Quad, Core i Series. **If planning on using Megapixel IP Cameras, you should follow these CPU recommendations:** Core 2 Duo or Core i3 (up to 2 x 2MP IP Cameras), Core 2 Quad or Core i5 (up to 6 x 2MP IP Cameras), Core i7 (more than 6 x 2MP IP Cameras)
- RAM: 512MB minimum, 1GB Recommended for 32-bit OS, 2GB Minimum for 64-bit OS.
- PCI, AGP, PCI-Express, or on-board video card. **Don't use on-board for more than 16ch.**
- 80GB Hard Drive minimum with separate 25GB partition for OS.
- Click here for compatible motherboards.

Need a motherboard? Contact us to purchase one with guaranteed compatibility.