

Night Owl Scorpion-168500: 16 Channel H.264 Network DVR with 8 Night Vision Cameras, 500GB Hard Drive and Smart 3G Cell Phone Access including iPhone®

The Scorpion-168500 is an advanced 16 Channel H.264 smart DVR that allows the user to access it remotely⁽²⁾ from both the internet via internet explorer and/or select 3G smart cell phones⁽³⁾ including your iPhone®. The Scorpion-168500 includes 8 indoor/outdoor⁽⁴⁾ night vision cameras with 60ft of cable per camera, a pre-installed 500GB security hard drive and a simple point and click interface all combined into an easy to use 16 Channel H.264 smart DVR. This DVR is expandable up to a total of 16 cameras. This unit gives you the ability to monitor your home or business remotely, which is a must in today's environment.



H.264 technology delivers stunning video quality at remarkably low data rates. An upgrade to the MPEG4 standard, this ultra-efficient technology gives you excellent results across a broad range of bandwidths, from remote access via internet explorer to remote viewing on your 3G smart phone. H.264 compression also allows you to save more video footage than traditional compression methods thus giving you up to 50% more storage.



Having the ability to check on your home or business has never been easier. This smart H.264 DVR will allow you to view all of your cameras remotely on select 3G smart phones⁽³⁾. Windows Mobile®, Symbian® and iPhone® on 3G networks are all compatible with the Scorpion-168500.



This network ready H.264 DVR kit allows you to view and control your system over the internet⁽²⁾ using Internet Explorer 6 or higher. No matter where you are in the world you can log into your system and watch real time video streams, playback previously recorded files and even backup the system remotely. The network ready feature also turns any computer screen on your network into a live surveillance center. (Ethernet cable included)



The Scorpion-168500 comes with 8 indoor/outdoor night vision cameras but has the ability to be expanded to a total of 16 cameras. Go to www.NightOwlSP.com to find additional cameras that fit your security needs.



The Scorpion-168500 comes equipped with a state of the art, easy to use icon based interface. All you need to do is point and click to access any of the features of the DVR. The interface is very user friendly and comes equipped with both a USB mouse and remote control.



Motion activation allows you to record only when necessary, and makes it easy to find important footage during video playback. This will save you time and conserve hard drive space. Enhanced motion detection settings ensure that false alarms are not triggered. An easy motion detection mask allows you to block out areas with constant movement, such as roads or trees.



Utilizing H.264 compression this system records up to 1 year of video⁽¹⁾ with its pre-installed 500GB security certified SATA hard drive. The hard drive was specifically designed for DVR's, and provides faster read/write times and reliable recording of your video surveillance footage. In addition the Scorpion-168500 comes with an additional hot swappable hard drive bay in the front of the unit.



The video search feature will save you time when trying to locate a particular video file. You have the ability to search by time, date and/or event.



The 4 indoor/outdoor⁽⁵⁾ color cameras provide you with a clear, crisp, and enhanced image at 400 TV lines of resolution. The cameras come equipped with 11 infrared LEDs that allow you to see in the darkness, up to 30 feet away! ⁽⁴⁾



The built-in USB port allows you to backup your important video footage directly to a USB flash drive or external USB hard drive. (Peripherals not included).



Utilizing Triplex technology the DVR allows you to record, playback and view live video remotely all at the same time. This ensures that you do not miss any important video footage no matter what you are doing.



The Scorpion-168500 gives you the option when the hard drive is full to either stop recording or overwrite your old footage. Overwrite mode will automatically delete the oldest file and replace it with newly recorded file. This feature ensures that your DVR records important video footage even when the hard drive has reached its capacity.



The Scorpion-168500 has the ability to display all 16 cameras at once. You can also enlarge any camera and view in full screen. (Kit comes with 8 cameras)



Password protection ensure only you and authorized users can access the DVR locally or remotely. This includes the ability to start or stop the recording.



Unlike other security systems Night Owl does not charge for you to control or view your DVR over the internet. Log on as often and as long as you would like with absolutely NO fee's whatsoever.



All Night Owl products come with a 1 year worry-free warranty. For a period of 1 year from the date of sale Night Owl ensures that the product will be free from manufacturing defects and workmanship. In the event that the product is or becomes defective we will replace the unit at no charge.



All Night Owl security products come with lifetime customer support via or website www.NightOwlSP.com or by phone **1-866-390-1303**.



Don't feel like installing the system yourself? Let InstallerNet⁽⁷⁾ will do the work for you. Call our installation service department at **1-800-806-5513** and we will give you a quote right over the phone and come out and install everything for you. (This is an optional service, fee's will apply)

DVR Specifications:

- Video Compression H.264
- Operating System Linux with Simple Point and Click Interface
- Video Input 16 Channel BNC
- Video Output 2 BNC
- Audio Input / Output⁽⁶⁾ RCA 4-Channel / 4-Channel
- Display Frame Rate 240fps – Full D1
- Recording Frame Rate 240fps@CIF
- Display Resolution VGA (1024x768 or 800x600) BNC (704x480)
- Record Resolution D1(704x480), HD1(704x240), CIF(352x240)
- Record Modes Motion Activated, Continuous, Sensor Activated and Time Schedule
- Display Modes 16 Channel, 9 Channel, Quad, and Single Channel
- Audio Alarm Modes Motion Detection, Video Loss, HD Error and Full
- Playback Options Event, Time and Date
- HDD Capacity 1TB (pre-installed 500GB)
Optional Hot swappable up to 1 TB
- Backup USB 2.0 (USB; Keys, HD)
- PTZ Control RS-485, Pelco-P and Pelco-D
- Mouse Control Yes (mouse included)
- Remote Control Yes (remote included)
- Multi-Tasking Triplex (Record, Playback, and Remote Access Simultaneously)
- Network Interface RJ45, 10M/100M (Ethernet Cable Included)
- Network Protocol Supports TCP/IP, UDP, DHCP, DDNS, PPOE
- Internet Viewing⁽²⁾ Internet Explorer 6 or Higher (5 users at once)
- Mobile Phone Viewing⁽³⁾ Smart Phones on 3G Network Including (Windows® Mobile Pro, Symbian S60 V3 and iPhones®)
- Compatible OS Windows® 2000, XP, Vista and 7
- Power Supply DC19V, 3A
- Operating Temperature 40°F - 110°F
- Dimensions (L*W*H) 17.0” x 15.1” x 2.6”
(LCD-DVR Only)

Camera Specifications:

- Image Sensor 1/4" Color CMOS
- Resolution 400 TV Lines
- Number of Led's 11
- Length of Night Vision⁽⁴⁾ Up To 30ft
- Lens Type 6.0mm (42° field of view)
- IP Rating IP-65 (water resistant)
- Length of Cable 60ft per camera
- Signal NTSC
- S/N Ratio >48dB
- Minimum Illumination 0 LUX
- Effective Pixels 510 * 492
- Power Supply DC 12V
- Operating Temperature⁽⁵⁾ 14°F - 104°F
- Dimensions (L*W*H) 2.0" x 3.0" x 2.0"

Package Contents:

- 1 x 16 Channel H.264 DVR with 500GB pre-installed HD
- 8 x Night Vision Cameras
- 8 x Metal Stands for Cameras
- 8 x Mounting Hardware for Cameras
- 8 x 60ft BNC Camera Cables
- 2 x 4 Way Power Splitters for Cameras
- 1 x Remote Control (with batteries)
- 1 x Mouse
- 1 x Ethernet Cable (Connect to your router 6ft)
- 1 x DC 12V3A LCD-DVR Power Adapter
- 1 x DC 12V Camera Power Adapter
- 1 x User Manual
- 1 x Quick Setup Guide
- 1 x Software CD
- 3 x Night Owl Security Stickers
- 1 x InstallerNet Installation Card

- (1) Recording Capacity may vary. Based on a 500 GB hard drive, using the lowest recording quality settings with one camera.
- (2) Internet and cell phone access requires a router, Windows[®] operating system, IE 7 or higher and a broadband internet connection.
- (3) The DVR is currently accessible on Windows Mobile Pro, Symbian S60 or above, and iphones[®] running on 3G networks.
- (4) Night vision range up to 30ft (under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera position.
- (5) Do not recommend using the cameras in temperatures below 14° F or above 114°F
- (6) Audio cameras not included
- (7) Professional Installation is offered by InstallerNet, Inc. Additional charges will apply for this service. See details inside box.