

Hybrid SERIES 2000



Major Features

<ul style="list-style-type: none"> Hybrid Network Video Recorder (Accepts both CCTV/Analog as well as IP Cameras) (Limited to 1 IP Camera access per a NV3000 16 channel system) 	<ul style="list-style-type: none"> Remote backup of video surveillance data
<ul style="list-style-type: none"> Easy setup and usage 	<ul style="list-style-type: none"> Keyboard lockup to enhance security
<ul style="list-style-type: none"> Point of sale integration (ANSI ASCII 	<ul style="list-style-type: none"> Watermark image verification technology
<ul style="list-style-type: none"> Serial output based cash registers) 	<ul style="list-style-type: none"> Supports over 12 different languages
<ul style="list-style-type: none"> Attention metric designed to measure the attention span of security officers 	<ul style="list-style-type: none"> Virtual keyboard
<ul style="list-style-type: none"> Intelligent Status Notification (Alert you on HDD space, CPU load, Memory usage, etc) 	<ul style="list-style-type: none"> Record to multiple hard drives
<ul style="list-style-type: none"> Compact mode for cleaner interface 	<ul style="list-style-type: none"> Watch dog function built in
<ul style="list-style-type: none"> Smart Voice detection recording 	<ul style="list-style-type: none"> Video enhancer software designed to
<ul style="list-style-type: none"> Multiple events alarm alert 	<ul style="list-style-type: none"> Visually enhance surveillance video data
<ul style="list-style-type: none"> Bookmark playback for easier retrieval 	<ul style="list-style-type: none"> Central monitoring system enables users to access and monitor up to 128 channels simultaneously for a wide range of applications
<ul style="list-style-type: none"> Dispatch Server shares internet access loading 	<ul style="list-style-type: none"> DDNS function supports dynamic IP

Performance

product

Series 2000

Video Cards

1 Main card
(stackable up to 4 Cards)

Video Input

4 ~ 16 Channels

Display Rate
(NTSC / PAL)

30/25 ~ 120/100 fps

MPEG4 Recording Rate (NTSC / PAL)

30/25 ~ 120/100 fps

* Specifications are subject to change without prior notice

SERIES 2000 System Hardware Installation Combinations

Hardware Combinations		Number of Video Channels	Number of Audio Channels	Sensor Inputs	Relay Outputs
Video Capture Card numbers	I/O + Audio Card Number				
1	0	4	0	0	0
	1	4	1	4	3
2	0	8	0	0	0
	1	8	1	4	3
	2	8	2	8	6
3	0	12	0	0	0
	1	12	1	4	3
	2	12	2	8	6
4	0	16	0	0	0
	1	16	1	4	3
	2	16	2	8	6

Product Specification

Video Feature

- 4~ 16 composite video inputs (BNC connectors)
- 1 IP Camera Access (Selected IP Cameras)
- Video Format: NTSC and PAL
- Support 352x240, 640x480, or 720x480(enhanced) pixels (NTSC & PAL) 16-bit true color
- RCA composite video out to a regular terminal or TV monitor
- Supports static as well as dynamic de-interlacing for smoother graphics
- Built in noise reduction algorithm

Display

- Adjustable frame rate and resolution on each camera
- Auto Scan with full screen display under 1, 4, 8, 9, 16-camera display modes
- Pan/Tilt/Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- Auto Gain Control (AGC) balances image quality
- Software based night view function enhances low light condition


Recording

- ~ Video compression: MPFG4 or M-JPEG
- ~ Support 352x240, 640x240, and 720x480
- ~ Fully de-interlace in 640x480 and 720x480 mode
- ~ Recording modes: Alarm triggered/sensor triggered/motion

detection/continuous/smart/scheduled/voice detection

- Programmable multiple masking zones
- Intelligent shield protects privacy
- Capable of recording audio channel(s) with full synchronization
- Max 4 audio channels recording
- Auto recycling when storage nearing full
- Intelligent pre-motion and post motion recording

Search & Playback

- Real time playback without having to disable recording/network functions
- Power search: by date, time, camera, area, event, vision, POS text or log file
- Full screen playback
- Complete playback control: forward, backward, speed up, slow down
- Digital zoom into any designated area 
- Export a single frame into a file or print out
- Set a segment and have it output as avi video clip
- Visual search by day, hour, minute, second
- Bookmark search: By time, description. Protect recorded file from being recycled and show file status

Remote Access

- ~ Simultaneous multiple remote live/recorded surveillance via Internet Explorer 6
- ~ Backup remotely
- ~ Central management server controls multiple

- ~ DVRs
- ~ Remote monitoring / remote recording / playback remote recording / playback server recording
- ~ Full control of PTZ cameras remotely
- ~ PDA handy view (Windows CE/Pocket PC 2002 or above)
- ~ Two-way audio communication
- ~ 1,4,9 and 16 screen divisions
- ~ Remote E-map
- ~ Choose from dial-up, Internet or Lan speed
- ~ Dispatch server allows you to broadcast video stream to the public

Schedule

- Record, enable network, backup, reboot and disabling alarms
- One time or weekly schedule
- Scheduling can be done down to every quarter of an hour

E-map

- Shows you the positions of cameras, sensors and relays
- Stores up to 8 different maps

Alarm Notifications

- E-mail notifications
- FTP notifications
- Voice modem call out notification

- ~ Turn relay on (light switch, alarm, etc)
- ~ Plays warning sound (can be re-recorded)
- ~ Start recording on multiple cameras (capture video from different angle)
- ~ Send TV-out signals
- ~ Launch E-Map
- ~ Enlarge camera view
- ~ Send SMS/MMS
- ~ Alert messages helps security follow proper standard operational procedures

User Access

- Setup as many users as you like with their own individual passwords
- Each user can be preconfigured to perform only certain actions (eg. access specific cameras remotely)

Audio & I/O card (Optional)

- 1 channel composite Audio inputs (RCA Jack)
- 4 sensor inputs and 3 relay outputs controls per set
- Multiple alarm trigger modes: video loss, motion detection, and sensor input

Optional Items?

- 1 Channel Audio Extension Card (Part no. NVD1AUEXT) (up to 4 can be hooked up per system)
- I/O Box (Part no. NVDACCBOX) (up to 4 can be hooked up per system)

SERIES 2000 Card

Product Information	Details
Product Name	Series 2000
Box Dimension	8.5' x 12' x 3'
Box Weight	1.1 5Lb
UPC Code	795522 959980
SKU	NVDNV3000



SERIES 2000 1-CH Audio Extension (Optional)

Product Information	Details
Product Name	Series 2000
Box Dimension	8.5' x 12' x 3'
Box Weight	1.1 5Lb
UPC Code	795522 959980
Alarm KingMedia SKU	NVDNV3000
Specifications	



DVR OSD-KIT (Optional)

Product Information	Details
Product Name	OSD-KIT
Box Dimension	11.8' x 8.3' x 2.9'
Box Weight	0.85Lb
UPC Code	N/A
Alarm KingMedia SKU	NVDOSDKIT
Specifications	



DVR I/O Box (Optional)

Product Information	Details
Product Name	I/O Box
Box Dimension	4.8' x 2.8' x 6.1'
Box Weight	0.71 Lb
UPC Code	795522 959546
Alarm KingMedia SKU	NVDACCBOX
Specifications	

