

**MOST POWERFUL DVR
IN THE INDUSTRY!**

NUVICO

DV Turbo SERIES



16-ch Digital Video Recorder NVDV4-16000

Key Features

- Support NTSC & PAL Standards
- Embedded Linux Operating System
- Built-in Multiplexer
- Quadruplex Function - Simultaneous Record / Playback / Network / Backup
- High Resolution
- Hardware Based MPEG-4 Compression
- Real-time Live Display & Recording per Channel
- Multi-screen Display: Live Monitor, Playback, Remote View
- Multiple Video Outputs: Composite, S-Video, Spot, VGA
- User Friendly Graphic Menu
- Hidden / Covert Camera Function
- Built-in Backup Device: CD-RW
- External Backup Device Support(USB2.0): Memory Stick, External HDD
- Mini Player: Auto Installation into CD or DVD during backup
- Watch Dog / Power Failure Recovery
- RS-422/485 for PTZ Speed Dome and Keypad Controller
- Keypad Controller with Joystick(Option) - Control Multiple DVRs and PTZ Speed Domes
- Time Synchronization between Multiple DVRs
- Support Various PTZ Protocols
- 16-ch Audio
- Software Upgrade USB Memory Stick
- Upto 1.2TB of Internal Storage
- Jog / Shuttle Operation
- IR Remote Controller - Control upto 99 DVRs

Network

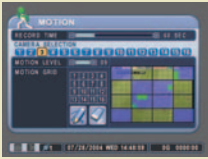
- Multi-site/Enterprise Level Client Software or Web Browser(Internet Explorer 6.0)
- Remote Access & Total Management from Client PC
- Static and Dynamic IP Support
- Proprietary Dynamic DNS Service for Plug-n-Play Remote Connection
- Automatic E-mail Notification: Alarm, Video Loss, Power Loss, HDD Failure

Graphic Menu

Menu Setup



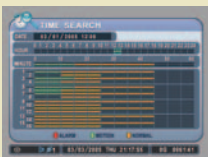
Motion Setup



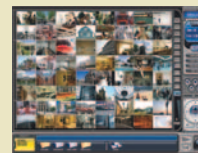
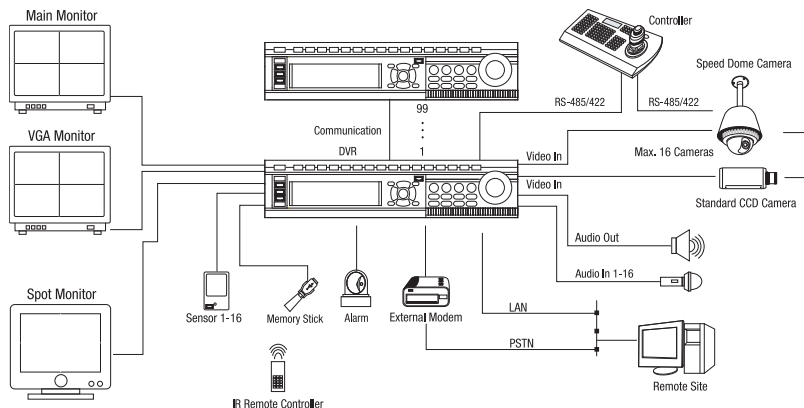
Calendar



Time Search



System Configuration



Live Monitoring

Simultaneously monitor upto 64 cameras from multiple DVRs, in any combination. Control PTZ Speed Dome Cameras from remote site.



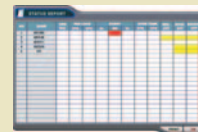
Remote Search

From remote location, search and playback recorded images. In addition, backup images into remote PC. Manual, Schedule & Event Activated backup are possible.



System Configuration

Full configuration is possible from remote client software.



Status Report

Connect upto 300 DVRs simultaneously and receive each DVR's status report in real time. DVR ID, HDD Fail, Alarm, Motion, Video Loss, Power Loss, Fan Lock, Recording Off.



PTZ Control

Multiple PTZ protocols are supported.



Remote Live Audio

From Remote PC, live audio could be accessible over network by selecting the channel. Simultaneous remote monitoring of both video & audio is possible.

16-ch Digital Video Recorder

NVDV4-16000

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■ ■ ■ Specifications

SPECIFICATIONS	NVDV4-16000N/P			
Video Signal	Support NTSC & PAL Standards			
Operating System	Embedded Linux			
Quadruplex Function	Simultaneous Record / Playback / Network / Backup			
Video Input	16			
Video Output	1 Main Monitor, 1 S-Video, 1 Spot, 1 VGA			
Loop Out	16			
Live Display	1, 4, 6, 8, 9, 13, 16			
Playback Displays	1, 4, 6, 8, 9, 13, 16			
Video Compression Method	Hardware Based MPEG-4			
Average File Size	2.5 ~ 5 KB			
Live Display Resolution	720 x 480(NTSC), 720 X 576(PAL)			
Live Display Rate	480pps(NTSC), 400(PAL)			
Recording Rate & Resolution	NTSC	480pps @ 360 X 240	240pps @ 720 X 240	120pps @ 720 X 480
	PAL	400pps @ 360 X 288	200pps @ 720 X 288	100pps @ 720 X 576
Alarm In / Relay Out	16 / 4			
System Control	Key Buttons, IR Remote Controller, Remote Client PC			
Audio In / Out	16 / 1			
FEATURES	NVDV4-16000N/P			
Display Settings	Brightness, Contrast, Color Adjustments, Hidden/Covert Per Channel			
Camera Title	12 Characters Per Channel			
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite			
Recording Adjustments	5 Levels of Resolution / Recording Frame Rate Adjustment per Channel			
Pre-Alarm & Post Alarm Recording	Pre-Alarm: 5 sec. / Post-Alarm: 20 sec. ~ 240 sec.			
Motion Detection Per Channel	16 Selectable Grids / 20 Sensitivity Levels			
Search Modes	Time & Date, Camera, Alarm, Motion			
Playback Modes	Forward & Reverse: Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X			
Power Failure Recovery	Auto Reboot while Maintaining Previous Record Settings			
Alarm Notification	Automatic E-mail : External Alarm, Video Loss, Power Loss, HDD Failure			
System Utility	2-Level Password / Auto Lock / Disk Format / Disk Check / Fan Lock Detection / Temperature Alarm			
Internal Backup Device	CD-RW or DVD-RW			
External Backup Device	USB2.0: Memory Stick & External HDD			
Mini-Player for Backup	Installing dedicated software into PC is not required to playback files from CD or DVD			
Communication Port	USB2.0, RS-232C, RS-422/485, Ethernet			
Storage Capacity	Upto 1.2TB. 3 Internal			
Network	LAN, WAN, Internet, PSTN Line			
External Telephone Modem Support	RS-232C			
Remote Client Software	Multi-site / Enterprise Level Client Software or Web Browser(IE 6.0)			
Dynamic IP Support over Cable	Dedicated Host ID per unit. DVR will automatically self reconfigure everytime IP address changes			
IR Remote Controller	Control Upto 99 DVRs			
GENERAL	NVDV4-16000N/P			
Power	100 ~ 240VAC(50/60Hz), Universal			
Dimensions	430(W) x 450(D) x 100(H)mm			
Weight	8.7 Kg			
Operating Temperature	0°C ~ 40°C			

Specifications are subject to change without any prior notice.

