

# NAVS Standard Series DVR

MPEG4 Compression

16-240

9-240

16-120

9-120

16-60

9-60

16-30

9-30

4-30



## High Speed Recording and Display On EVERY Channel

- 30-240 Frames Per Second for Recording And Viewing
- Built-In Motion Detection Recording
- High Picture Quality at Lowest Storage
- Dual VGA Monitor Output - View Live and Recorded Video Simultaneously
- Multi-Camera Playback (Search) in DVR and Remote
- Up to 8 Channels Audio Recording - 2 Way Audio with Remote
- Encrypted/Watermarked Recordings
- Video Alarming on Motion or Sensor
- The Best Value for Superb Picture Quality and Frame Rate

# NAVS Standard Series DVR



NAVS 16-240 / 9-240 / 16-120 / 9-120  
16-60 / 9-60 / 16-30 / 9-30 / 4-30

## CAMERA SERVER / SYSTEM SPECIFICATIONS

### System Configuration

Processor	2.0-up GHz Pentium 4 (minimum)
RAM	512 MB DDR
VGA Video	On board 32 MB DDRAM
Audio	On board 16 bit sound card
Standard Storage	80 GB Hard-drive capacity, up to 1.5TB (optional up to 3.5TB)
Archived Storage	CD/RW (standard) Removable Hard Disk Drive up to 250GB (optional) 4.7GB DVD R/RW (optional)
Communications	10/100mb Ethernet Card (optional 56Kb modem)

### DVR Server Configuration

Camera Inputs	16 / 9 / 4 PAL or NTSC
VGA Video	64MB DDR Dual Monitor Video Card (single, clone, extended, desktop, TV out) VGA - Dual screen output: (1) VGA, (1) DVI/VGA Composite - (1) VGA simulation, (1) single picture switching
Audio	(1-8) record/playback, (1-8) live monitoring at DVR, 2-way audio/recorded
Screen Split	1, 4, 9, 10, 16 screen split
System Frame Rate	240(16), 240(9), 120(16), 120(9) Total Frames per Second / System
Adjustable Frame Rate	1-30 fps per camera
Adjustable Resolution (pixels)	640x480, 640x240, 360 x 240 (selectable per camera)
Adjustable Compression (codec)	MPEG-4
PTZ Control	1RS-422/485 Interface
Alarm Inputs / Outputs	Up to 16 contact dry closure inputs and 4 relay outputs

## REMOTE ACCESS SPECIFICATIONS

### Remote Camera Viewing

Camera Views (selectable)	1,4,6,9,10,16 available screen split
Resolution (selectable)	640x480, 640x240, 360 x 240 (selectable per camera)
Compression Format	MPEG4
Communication (selectable)	TCP/IP: LAN, WAN, Internet or Dial-up, POTS/ISDN
Player (search)	Multi-camera playback

### Multi-Server Remote With Group Template Manager

Server Access	Up to 16 Servers per Single Template Session
Templates Per System	Multiple Templates per Multiple Locations
Communication	Only TCP/IP: LAN or WAN connection

## RECORDER / PLAYBACK SPECIFICATIONS

Record and Playback Speed	30fps per camera (play back recorded speed)
Image Compression Size	320x240=1-5KB, 640x240=2-10KB, 640x480=3-15KB
Cameras Recorded Locally/Remotely	1-16 (selectable and simultaneous)
Cameras Played-Back Locally/Remotely	1-16 (selectable and simultaneous)
<u>Recording Modes</u>	
Motion Triggered (Timed Scheduled)	Monitor Mode Only (watch mode - no record)
Continuous Record (Timed or Manual)	Combinations of Motion and Alarm
Sensor Triggered	Priority Motion/Sensor