

MAXPRO® NVR SE

16 AND 32-CHANNEL REAL-TIME NETWORK VIDEO RECORDER (NVR) SYSTEM

Honeywell's MAXPRO® NVR SE is an ideal entry-level solution for IP video surveillance systems. Utilising Honeywell's high definition cameras, MAXPRO NVR SE is a powerful, high definition IP recording system and viewing client for small to medium size installations.

MAXPRO NVR SE comes either pre-installed with all required software and can be licensed for 16 or 32 channels or can run on COTS hardware. This, along with the discovery wizard makes installing high definition IP systems quick and efficient. Simple and logical configuration pages make set-up easy even for the novice installer.

The MAXPRO NVR SE user interface is based on Honeywell's flagship MAXPRO® VMS user interface which offers a feature rich user experience. Utilisation of this familiar interface allows for the 'learn one, know them all' concept that allows for familiarity across a broad range of Honeywell products.

MAXPRO NVR SE supports simultaneous recording, search, and system management for up to 32 IP cameras including high definition formats.

Video Surround, a Honeywell-patented feature, provides the ability to track subjects of interest as they move between areas covered by adjacent cameras by simply double-clicking on the panel where the subject is currently visible. Features like the powerful 'preview search' and 'film strip view' allow for rapid searching of video for scenes of interest which can then be quickly exported to an authenticated video clip playable through Windows Media player.

MAXPRO NVR SE utilises powerful processor and memory technology supporting multiple simultaneous operations such as video recording and video viewing or alarm monitoring. End users can view live video while simultaneously performing searches. Multiple MAXPRO NVR SEs can be deployed for system expansion and multiple instances of client software can be run on the same workstation PC for simultaneous viewing of multiple units.

Market Opportunities

The continual growth of IP networks and the demand for high definition video have led to the need for convergence of building security systems and IT systems for many companies across the globe. This has resulted in strong demand for all-IP end-to-end security systems.

MAXPRO NVR SE addresses the needs of a wide variety of applications including education, commercial, retail, healthcare and many other applications. When the need is for an easy to install, simple to use, and feature rich network video recorder, the solution is MAXPRO NVR SE.



MAXPRO NVR SE

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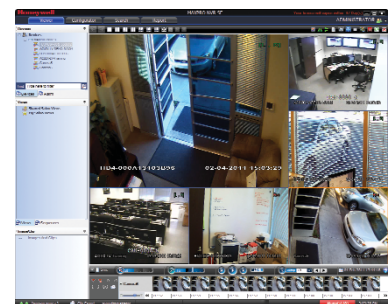
FEATURES

Hardware:

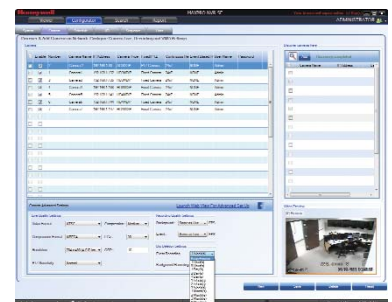
- Record up to 32 channels per MAXPRO NVR SE
- Includes a dual DVI/VGA graphics card for dual monitor support
- MAXPRO NVR SE supports displaying 16 CIF cameras at one time, greater numbers of cameras can be displayed by adding additional client workstations
- IP recording of 32 channels at 4CIF with up to 25 fps, 20 channels at HD resolution with up to 25 fps
- 8 removable storage hard drives (optional 1 TB, 2 or 3 TB drives)
- Internal storage capacity from 1 TB to 24 TB
- External storage options from 12 TB to 48 TB
- Separate operating system and applications hard drive from storage drives

Software:

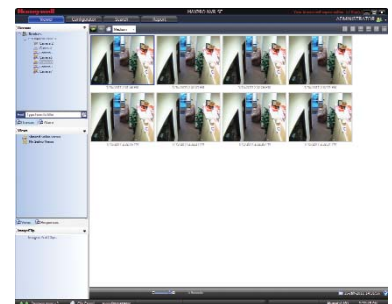
- MAXPRO NVR SE allows remote or local operation, configuration and management of multiple MAXPRO NVR SEs
- Feature-rich, user-friendly interface to view video and configure system settings
- Multi-language support
- Role-based operator privileges for a variety of surveillance activities:
 - local and multi-language support
 - auto-discover IP cameras
- Video Surround, a Honeywell-patented feature, simplifies the process of tracking subjects through a set of surrounding cameras
- Powerful API available for third party software integration
- IP PTZ control and digital zoom on fixed cameras
- Fast search by date/time or through timeline
- Alarm management
 - notification of alarm events
 - health check
 - email notification on alarm
- Event history and operator log reporting
- Capture and export clips from multiple NVRs and cameras with authentication of saved clips
- Powerful but intuitive schedule configurations
- Supports multiple client connection to server unit
- Ability to investigate events and alarms by simultaneously viewing alarm videos at various stages. For every alarm, users can view the video captured during pre-alarm, on-alarm, and post-alarm, and also view live video from the camera which triggered the alarm
- Enriched video viewing experience through the intuitive video rendering engine that optimises CPU utilisation by altering the video frame rate
- Operator messaging sends operator salvo views as an attachment to the text message



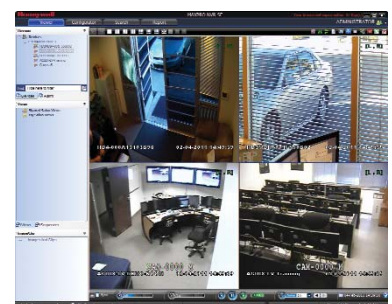
6 Split



Event Record



Preview



Quad

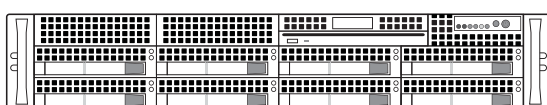
MAXPRO® NVR SE

SPECIFICATIONS

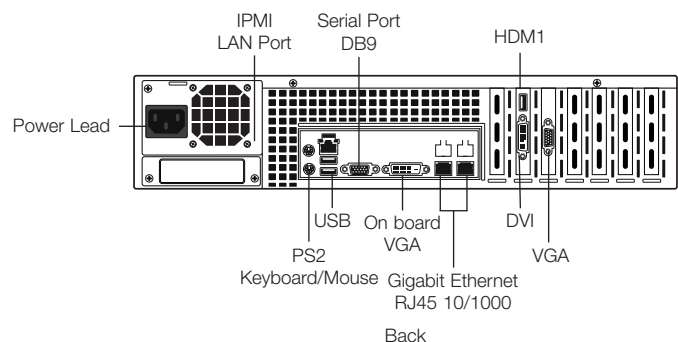
Operational	
MAXPRO NVR SE Software	
Database	Microsoft SQL Express
Operating system	Windows 7 Professional
Image compressions supported	MPEG-4, H.264
Supported Honeywell IP cameras	Supports Honeywell EQUIP Series cameras including high definition. Refer to www.honeywellsecurity.com/hota
Maximum number client connections	10 per unit
Salvo layouts	Full, 2x2, 1x5, 3x3, 2x8, 1x12, 4x4
Picture controls per camera	Sharpness, blur, brightness, contrast, hue, saturation, maintain aspect ratio, stretched, original size and picture mirror
OSD	Concealed text option
Playback controls per camera	FWD/REV Play x (1, 2, 4, 8, 16) Slow FWD/REV Play x (1/2, 1/4, 1/8)
Search types	Time/date timeline, time jump FWD/REV, bookmarks, preview, film strip and event search
Recording schedule	Constant and event based with H/M/D and holiday and exception days
Recording methods per camera	Constant, event based and user activated
Live settings per camera	Compression format, resolution and frame rate
Record settings per camera	Same as live or reduced frame rate
Clip format	WMV with digital certificate for authentication playable with Windows media player
Video clip authentication	Digital signature, verification tool provided
Motion detection location	Camera based
Event recording	Pre and post duration setting
Operator reporting	Per user, configurator, session and viewer
Event report	Per camera or recorder events
Operators	10

Operational	
MAXPRO NVR SE Hardware	
Video Standard	Variable, based on camera
Image Compression	User selectable per camera (H.264, MPEG, MJPEG)
Internal Storage Media	500GB to 20TB
Video Inputs	
IP	MPEG-4/MJPEG/H.264
Electrical	
Input Voltage	115-230 VAC, 50-60Hz 10/7A
Operating Voltage	115V/230V Auto Sensing
Power Consumption	Up to 480W
Mechanical	
Dimensions (l x w x h)	686mm x 483mm x 89mm
Weight	20.8kg to 23.1kg
Construction	Housing: Steel Chassis
Finish	Housing: Black Matt
Environmental	
Temperature	Operating: 5°C to 40°C Storage: -10°C to 65°C
Relative Humidity	Operating: 0% to 90% non-condensing
Regulatory	
Emissions	EN 55022: 2006 Class B EN 61000-3-2:2006 EN 61000-3-3:1995+A1:2001+A2:2005
Immunity	EN 55024: 1998+A1:2001+A2:2003 (Class B)
Safety U.S. and Canada International	UL, cUL listed; EN 60950-1:2001 IEC 60950-1:2005
Backup Archive	
On Board Device	DVD-RW, USB
Network	LAN, WAN
Honeywell IP Cameras / Device Compatibility	
HCD5MIHX	HD3MDIHX
HXC3W	HD4MDIHX
HXC5DW2	ACUIX™ IP
HD3MDIPX	HNVE1 (Network Encoder)
HD4MDIPX	HNVE1 (Network Encoder)

3rd party IP Cameras through PSIA adapter



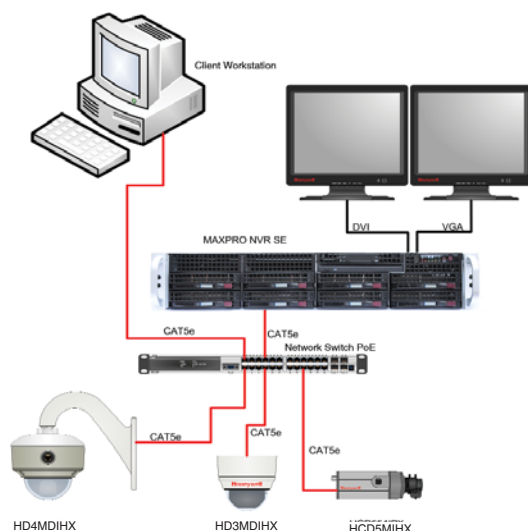
Front



Back

MAXPRO® NVR SE

SYSTEM DIAGRAM



ORDERING

Part Code	Description
16 Camera Licence Models	
HNM16SE1T0X	MAXPRO NVR SE, NVR, 1TB, Nvidia8400, 16 camera licences
HNM16SE2T0X	MAXPRO NVR SE, NVR, 2TB, Nvidia8400, 16 camera licences
HNM16SE4T0X	MAXPRO NVR SE, NVR, 4TB, Nvidia8400, 16 camera licences
HNM16SE8T0X	MAXPRO NVR SE, NVR, 8TB, Nvidia8400, 16 camera licences
HNM16SE12T0X	MAXPRO NVR SE, NVR, 12TB, Nvidia8400, 16 camera licences
HNM16SE16T0X	MAXPRO NVR SE, NVR, 16TB, Nvidia8400, 16 camera licences
HNM16SE24T0X	MAXPRO NVR SE, NVR, 24TB, Nvidia8400, 16 camera licences
HNM16SE7RD5	MAXPRO NVR SE, NVR, 6.6TB, RAID5 storage, 16 camera licences
HNM16SE10RD5	MAXPRO NVR SE, NVR, 9.7TB, RAID5 storage, 16 camera licences
HNM16SE14RD5	MAXPRO NVR SE, NVR, 13.6TB, RAID5 storage, 16 camera licences
HNM16SE20RD5	MAXPRO NVR SE, NVR, 19.9TB, RAID5 storage, 16 camera licences
32 Camera Licence Models	
HNM32SE2T0X	MAXPRO NVR SE, NVR, 2TB, Nvidia8400, 32 camera licences
HNM32SE4T0X	MAXPRO NVR SE, NVR, 4TB, Nvidia8400, 32 camera licences
HNM32SE8T0X	MAXPRO NVR SE, NVR, 8TB, Nvidia8400, 32 camera licences
HNM32SE12T0X	MAXPRO NVR SE, NVR, 12TB, Nvidia8400, 32 camera licences
HNM32SE16T0X	MAXPRO NVR SE, NVR, 16TB, Nvidia8400, 32 camera licences
HNM32SE24T0X	MAXPRO NVR SE, NVR, 24TB, Nvidia8400, 32 camera licences
HNM32SE7RD5	MAXPRO NVR SE, NVR, 6.6TB, RAID5 storage, 32 camera licences
HNM32SE10RD5	MAXPRO NVR SE, NVR, 9.7TB, RAID5 storage, 32 camera licences
HNM32SE14RD5	MAXPRO NVR SE, NVR, 13.6TB, RAID5 storage, 32 camera licences
HNM32SE20RD5	MAXPRO NVR SE, NVR, 19.9TB, RAID5 storage, 32 camera licences

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications. MAXPRO® NVR SE is a registered trademark of Honeywell International Inc. All other marks are trademarks of their respective owners.

For additional information,

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