NVR1000

16 Channel Megapixel NVR

- 16 Channel Megapixel Live Viewing
- E-Map Monitoring and Management
- Real Time Video Analytics Solutions
- Actionable Video Monitoring
- Powerful Investigation Modes
- Industrial Grade Platform
- 3 Year Warranty

MEGA Megapixel · LCD / LED · Gigabit · Auto Scan · High Capacity

The Surveon NVR1000 is a highly integrated 16 channel network video recorder featuring a virus free, installation free embedded design that is fully burn-in tested. The megapixel-optimized NVR1000 includes a function rich software suite, which is scalable with Surveon's CMS package. These features allow the NVR1000 to provide a robust, low overhead system operation aimed at small to medium sized installations.

VMS Specifications

| Video Management Software	
Live View	• Real-time discovery of supported network cameras • Versatile view templates supporting various screen divisions • HTML and image overlays • Multiple views supported • View patrolling for single or multiple views • Real time vidoe/event alarm display • Instant playback supported • Video clip bookmarking
eMAP	• Drag-n-drop camera manipulation • Directional camera display • Hierarchical map structure • Real time event alert • Instant live video of camera • Multiple maps supported
PTZ	• Pan, tilt, zoom operations (dependent of camera) • Built-in, floating PTZ control panel • Preset position (dependent of camera) • Scheduled or continous camera patrolling • Event-driven camera patrolling
Investigation	• Search by date, time, camera • Search by pre-defined recent time • Search by VI event combinations • Search over multiple days • Search over multiple cameras • Video clip bookmarking and commenting • Search via built-in VI analyzer • Video clip bookmarking and commenting • Customizable bookmark • Intuitive, video thumbnail-based, search results display • Cue-in (point A), cue-out (point B) points and A-B repeat • Quick playback via video thumbnail from search results • 1/8, 1/4, 1/2 and 2x, 4x, 8x forward, play, pause, stop • AVI-formated video clip export

Instant Playback	• Supported in video alarm, event alarm, view functions • Pre-defined playback durations • Supports video clip bookmarking
Video Intelligence	• General motion detection • Missing object detection • Foreign object detection • Intrusion detection • Forbidden area detection • Tampering detection • On screen notifications of video loss
Recording Policy	• Continuous recording, 24 hours a day, 7 days a week • Scheduled recording on daily or weekday basis • Event-driven recording along with rules • Pre-alarm recording up to 45 minutes • Post alarm recording up to 45 minutes
Rule Manager	• Flexible conditional combinations • Versatile notification mechanisms
Remote Access	Windows-based VMS Client, supporting Live View, eMap, PTZ, video/event alarm, Playback, and etc.
3rd Party IPCAM	AXIS, SONY, Panasonic, Mobotix, Arecont Vision, IQinVision, Zavio, VIVOTEK, ACTi, D-Link, Asoni, AVTech
General	• Video codec: H.264, MPEG4, MJPEG • Image enhancement • Video privacy mask • Digital zoom in, zoom out • Log viewer • Windows lockup • Client auto login • Digital I/O management • Automatic storage recycling • Language supported: English, French, German, Portuguese, Spanish, Simple Chinese, Traditional Chinese • Client-server architecture

Trusted Megapixel IP Video Solutions

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NVR1000

Part Names and Functions

Front View
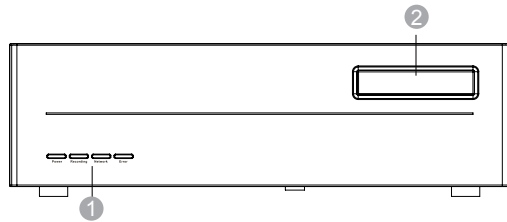
① LED Indicators
② LCD Display

Rear View
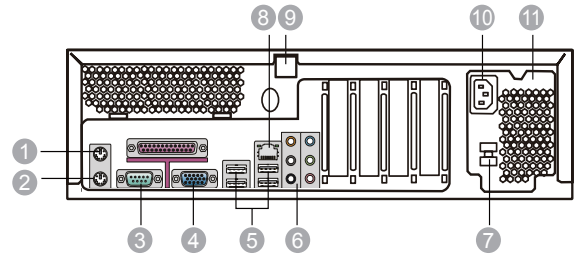
①	Mouse	⑦	Voltage Selector
②	Keyboard	⑧	Ethernet
③	Serial	⑨	Power Switch
④	VGA	⑩	Power Socket
⑤	4 x USB	⑪	Power Supply
⑥	Audio In/out		

Package Content

Contents	Quantity
NVR1000 Network Video Recorder	1
NVR Recovery & Client Installation DVD	1
Power Cord	1
Quick Installation Guide	1
HDD Sledge	1
HDD	max.3

Ordering Information

Part Number	Description
NVR1000-10C32A	16 Channel NVR, 3x1TB SATA HDD
NVR1000-10C32B	16 Channel NVR, 2x1TB SATA HDD
NVR1000-10C32C	16 Channel NVR, 1x1TB SATA HDD
H72A1XA2XXD1-0010	Enterprise SATA II HDD 7200 RPM, 2 TB

Hardware Specifications

Network Video Recorder	
System	Up to 16 MEGA network cameras
Storage	HDD capacity: SATA x 3
Server Processor	Intel® Core2Duo @1.8GHz
System Memory	4GB, DDR2
I/O Interface	• RJ-45: 1xGigabit Ethernet • VGA: 1xD-Sub • Audio: 1xLine-in, 1xLine-out • USB: 2xUSB 2.0 • RS232x1 • PS2x2
LCD Display	• System status: Time/IP/ Status • Event message: Login/Alarm/Error
LED Indicators	Power/Recording/Network/Error
Electrical	• Input voltage : 115 V AC@6 A/240 V AC@3 A • Frequency: 47 to 63 Hz • Power: Single 250 watt
Environment	Temperature: • Operating: 10 °C to 35°C (50 ° F to 95 ° F) • Non-operating: -40 °C to 70°C (-40 ° F to 158 ° F) Humidity: • Operating: 5 % to 95 %, non-condensing • Non-operating: 5 % to 95 % non-condensing
Dimensions	40.42 x 34.02 x 9.71cm (15.91"x 13.39"x 3.82")
Gross Weight	Gross Weight : 11.36 kg (26 lb)
Certifications	FCC Class B, CE, CB, UL60959/IEC 60950, BSMI, CCC

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