

# NVR500

8 Channel Megapixel NVR



- 8 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



Network Video Recorder

The Surveon NVR500 is a highly integrated 8 channel network video recorder featuring a virus free, installation free embedded design that is fully burn-in tested. The megapixel-optimized NVR500 includes a function rich software suite, which is scalable with Surveon's CMS package. These features allow the NVR500 to provide a worry-free, low-overhead system operation aimed at smaller scale installations in diverse applications such as retail, school and hospitality.

## VMS Specifications

### Video Management Software

Live View	<ul style="list-style-type: none"> <li>• Real-time discovery of supported network cameras</li> <li>• Versatile view templates supporting various screen divisions</li> <li>• HTML and image overlays</li> <li>• Multiple views supported</li> <li>• View patrolling for single or multiple views</li> <li>• Real time video/event alarm display</li> <li>• Instant playback supported</li> <li>• Video clip bookmarking</li> </ul>
eMAP	<ul style="list-style-type: none"> <li>• Drag-n-drop camera manipulation</li> <li>• Directional camera display</li> <li>• Hierarchical map structure</li> <li>• Real time event alert</li> <li>• Instant live video of camera</li> <li>• Multiple maps supported</li> </ul>
PTZ	<ul style="list-style-type: none"> <li>• Pan, tilt, zoom operations (dependent of camera)</li> <li>• Built-in, floating PTZ control panel</li> <li>• Preset position (dependent of camera)</li> <li>• Scheduled or continuous camera patrolling</li> <li>• Event-driven camera patrolling</li> </ul>
Investigation	<ul style="list-style-type: none"> <li>• Search by date, time, camera</li> <li>• Search by pre-defined recent time</li> <li>• Search by VI event combinations</li> <li>• Search over multiple days</li> <li>• Search over multiple cameras</li> <li>• Video clip bookmarking and commenting</li> <li>• Search via built-in VI analyzer</li> <li>• Video clip bookmarking and commenting</li> <li>• Customizable bookmark</li> <li>• Intuitive, video thumbnail-based, search results display</li> <li>• Cue-in (point A), cue-out (point B) points and A-B repeat</li> <li>• Quick playback via video thumbnail from search results</li> <li>• 1/8, 1/4, 1/2 and 2x, 4x, 8x forward, play, pause, stop</li> <li>• AVI-formatted video clip export</li> </ul>

Instant Playback	<ul style="list-style-type: none"> <li>• Supported in video alarm, event alarm, view functions</li> <li>• Pre-defined playback durations</li> <li>• Supports video clip bookmarking</li> </ul>
Video Intelligence	<ul style="list-style-type: none"> <li>• General motion detection</li> <li>• Missing object detection</li> <li>• Foreign object detection</li> <li>• Intrusion detection</li> <li>• Forbidden area detection</li> <li>• Tampering detection</li> <li>• On screen notifications of video loss</li> </ul>
Recording Policy	<ul style="list-style-type: none"> <li>• Continuous recording, 24 hours a day, 7 days a week</li> <li>• Scheduled recording on daily or weekday basis</li> <li>• Event-driven recording along with rules</li> <li>• Pre-alarm recording up to 45 minutes</li> <li>• Post alarm recording up to 45 minutes</li> </ul>
Rule Manager	<ul style="list-style-type: none"> <li>• Flexible conditional combinations</li> <li>• Versatile notification mechanisms</li> </ul>
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	<ul style="list-style-type: none"> <li>• Video codec: H.264, MPEG4, MJPEG</li> <li>• Image enhancement</li> <li>• Video privacy mask</li> <li>• Digital zoom in, zoom out</li> <li>• Log viewer</li> <li>• Windows lockup</li> <li>• Client auto login</li> <li>• Digital I/O management</li> <li>• Automatic storage recycling</li> <li>• Language supported: English, French, German, Portuguese, Spanish, Simple Chinese, Traditional Chinese</li> <li>• Client-server architecture</li> </ul>

\* All specifications are subject to change without notice.  
 \* All brand names and registered trademarks are the property of their respective owners.

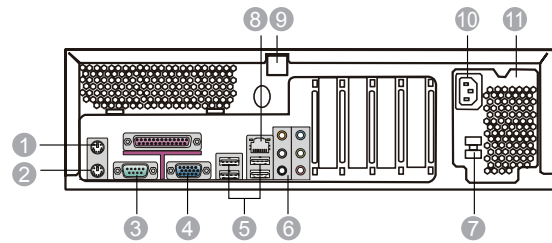
### Part Names and Functions

Front View



- 1 LED Indicators

Rear View



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

### Package Content

Contents	Quantity
NVR500 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
NVR0500-10B16A	8 Channel NVR, 3x1TB SATA HDD
NVR0500-10B16B	8 Channel NVR, 2x1TB SATA HDD
NVR0500-10B16C	8 Channel NVR, 1x1TB SATA HDD
H72A1XA2XXD1-0010	Enterprise SATA II HDD 7200 RPM, 2 TB

### Hardware Specifications

Network Video Recorder	
System	Up to 8 MEGA network cameras
Storage	HDD capacity: SATAx3
Server Processor	Intel® CPU @2.0GHz
System Memory	2GB, DDR2
I/O Interface	<ul style="list-style-type: none"> <li>• RJ-45: 1xGigabit Ethernet</li> <li>• VGA:1xD-Sub</li> <li>• Audio: 1xLine-in, 1xLine-out</li> <li>• USB: 2xUSB 2.0</li> <li>• RS232x1</li> <li>• PS2x2</li> </ul>
Electrical	<ul style="list-style-type: none"> <li>• Input voltage : 115 V AC @ 6 A/240 V AC @ 3 A</li> <li>• Frequency: 47 to 63 Hz</li> <li>• Power: Single 250 watt</li> </ul>
Environment	Temperature: <ul style="list-style-type: none"> <li>• Operating: 10 °C to 35°C (50 °F to 95 °F)</li> <li>• Non-operating: -40 °C to 70°C (-40 °F to 158 °F)</li> </ul> Humidity: <ul style="list-style-type: none"> <li>• Operating: 5 % to 95 %, non-condensing</li> <li>• Non-operating: 5 % to 95 % non-condensing</li> </ul>
Dimensions	40.42 x 34.02 x 9.71 cm (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