

# SMR2006

## 6 CH Megapixel H/W RAID NVR



- 6 CH Smart Megapixel Video Recorder
- Built In Intel ICH9R Hardware RAID
- 2 x Hot Swappable Hard Disk
- Real Time VI Detection
- Low Power Consumption
- In House Design & Production
- Local Display
- 3 Year Warranty



### VMS Specifications

Live View	<ul style="list-style-type: none"> <li>• Real-time network camera discovery</li> <li>• Versatile views of 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</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>• Customizable bookmark</li> <li>• Intuitive, video thumbnail search results</li> <li>• Cue-in, cue-out and repeat</li> <li>• Quick playback by video thumbnail</li> <li>• 1/8, 1/4, 1/2, 1x, 2x, 4x, 8x play, pause, stop</li> <li>• AVI-formated 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>• 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>• Virtual fence*</li> <li>• Object counting*</li> </ul>

Remote Management	Full functional operation & management via standalone VMS Client
3rd Party IPCAM	ACTi, AXIS, SONY, VIVOTEK, Arecont Vision, HIKVISION, IQinVision, MOBOTIX, Panasonic, Asoni, AVTECH, D-Link, SAMSUNG
General & Misc	<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>• Client-server architecture</li> <li>• Guaranteed performance of long period recording</li> <li>• Configurable video retention period</li> <li>• Digital watermark proofing*</li> <li>• Language supported: English, French, German, Portuguese, Spanish, Simple Chinese, Traditional Chinese</li> </ul>

\* Available in VMS 2.4.5

### Performance Table

Encoding	Res.	FPS	Bit Rate	Max Channels (*)	Total Bit Rate (M)	Real Time VI (**)	Local Live View
H.264	D1	30	1	6	6	2	Yes
H.264	1.3M	15	2	6	12	2	Yes
H.264	1.3M	25	4	6	24	2	Yes
H.264	2M	20	6	6	36	2	Yes
H.264	3M	15	6	6	36	2	Yes

\* IP Camera must support dual stream

\*\* VI = missing object, forbidden area, intrusion detection

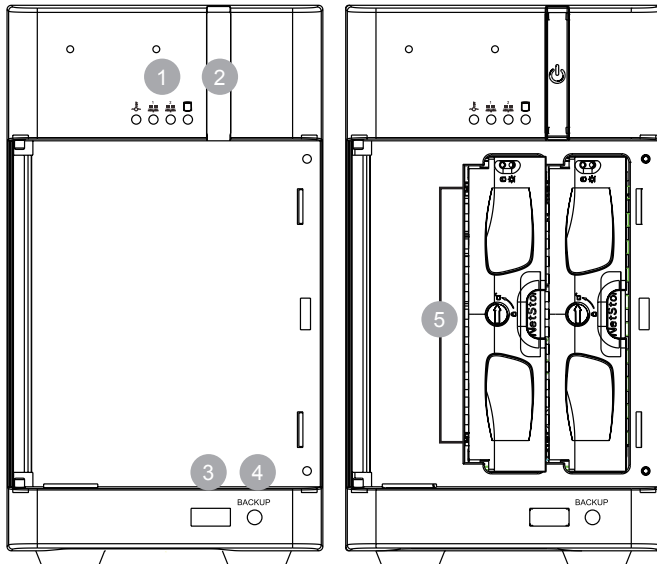
\* All specifications are subject to change without notice.  
 \* All brand names and registered trademarks are the property of their respective owners.

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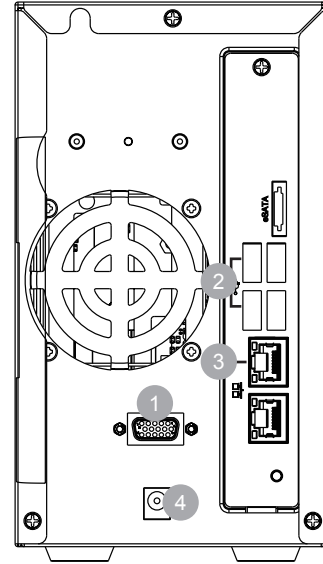
## Part Names and Functions

Front View



- 1 LED Indicators
- 2 Power Switch
- 3 USB
- 4 Video Back UP Button
- 5 Hot Swappable HD Tray

Rear View



- 1 VGA
- 2 4 x USB
- 3 Ethernet
- 4 12V DC In

## Hardware Specifications

System Processor	Intel® ATOM525 Dual Core @ 1.8GHz
System Memory	DDR3 2GB
Chipset	Intel® ICH9R
DOM	4GB
Storage	3.5" SATA HDDs x2; HDD hot swappable
I/O Interface	<ul style="list-style-type: none"> <li>• VGA: 1x D-Sub</li> <li>• RJ-45: 1x Gigabit Ethernet</li> <li>• USB: 4x USB2.0</li> <li>• E-SATA: x1</li> </ul>
H/W RAID	RAID 0, 1
Electrical	<ul style="list-style-type: none"> <li>• Input voltage: 100V~240V, 1.5A</li> <li>• Frequency: 50Hz~60Hz</li> <li>• Power consumption (in operation): 14W</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>In operating</li> <li>• Humidity: 5% to 80% (non-condensing)</li> <li>• Temperature: 5° to 40°C</li> </ul>
LCD Panel	N/A
LED Indicator	Yes
Dimensions	190(H) x 110(W) x 245(D) mm
Weight	3 Kg
Certificate	BSMI, CB, FCC / CE Class A, UL60959/ IEC 60950, CCC for power only, GOST

## Ordering Information

Part Number	Description
SMR2006	6 CH, 30+ days recording w/ RAID 1
SMR2010	10 CH, 20+ days recording w/ RAID 1
SMR2016	16 CH, 10+ days recording w/ RAID 1
SMR5012	12 CH, 40+ days recording w/ RAID 5
SMR5016	16 CH, 30+ days recording w/ RAID 5
SMR5020	20 CH, 20+ days recording w/ RAID 5

\* Recording at bit rate = 3-4Mbps, 12 hours per day

## Optional Accessories

Part Number	Description
IH72A1A2322G0	Hitachi desktop SATA II, 2TB, 7200RPM