EMR6000H
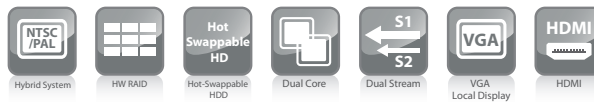
Professional Megapixel Hybrid NVR

- Optimized Hardware for Megapixel Recording
- Support 6 Hot-Swappable Hard Drives
- High Availability and Easy Maintenance
- In-house Design and Production with 3 Years Warranty
- Surveon Megapixel Quality Assurance Lab Certificated
- Pre-load Certified VMS
- 16 CH D1 H.264 High Profile Encode

3 Year Warranty

NTSC/PAL		Hot Swappable HD		S1 S2	VGA	HDMI
Hybrid System	HW RAID	Hot-Swappable HDD	Dual Core	Dual Stream	VGA Local Display	HDMI

Megapixel solutions are the key trend in video surveillance with the advanced benefit of 6-time better image clarity. However, high I/O, huge capacity, and stability of the overall system are major challenges for system integrators. Surveon's Certified Megapixel Recorders, allied with the most qualified partners in the industry, provide a high performance and reliable platform. Built-in with HW RAID, the EMR6000H secures the multi-channel megapixel recording performance. The industrial grade design of 6 HDD, 2 GLAN have made EMR6000H an absolute choice over the commercial PCs and the ideal solution for retail, gas station, residential and medium to small business field application.

Performance Validation

Model	Total Channels	Camera Resolution	Camera Compression	Camera Bit Rate	FPS	Remote Client View	Validation*
EMR6008	8	1080P	H.264	6 Mbps	25	8	PASS
EMR6016	16	1080P	H.264	6 Mbps	25	16	PASS
EMR6020	20	1.3M	H.264	2 Mbps	25	20	PASS
EMR6025	25	1.3M	H.264	2 Mbps	25	25	PASS

*Remarks:
- Tested with Milestone XProtect® Essential.
- RAID 5 rebuild and degrade mode will decrease the recording performance depending on the number of channels.

Recording Days

Number of Channels	2M Cameras*	Max Recording Days (12 hrs/day)	Max Recording Days (24 hrs/day)
8	1920 x 1080	28	14
12	1920 x 1080	22	12
16	1920 x 1080	15	7
25	1920 x 1080	9	5

* Base on 25 FPS @ 6 Mbps - Tested with Milestone XProtect® Essential.
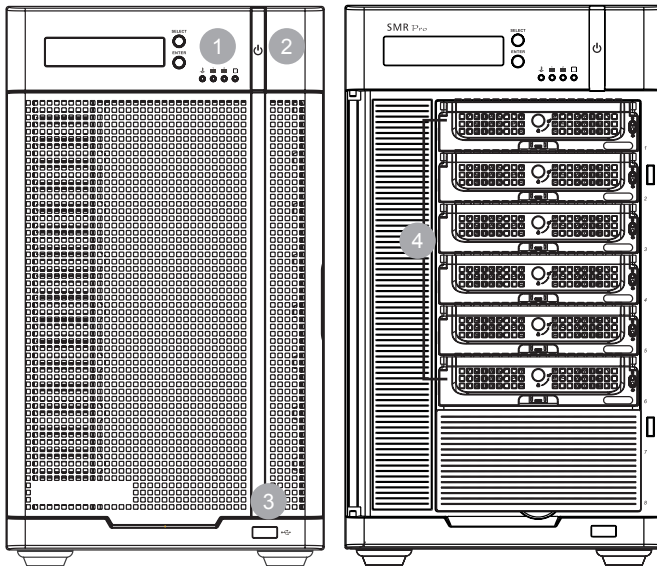
Professional Megapixel Recorder

	EMR6000H	PC + Software	COTS Solution
Hardware	Professional Hybrid NVR	Consumer PC	COTS
Design & Production	100% Own Design & Production	N/A	N/A
QA Validation	Full Tested (Hardware & Software)	N/A	N/A
Low Power	Yes	N/A	N/A
Local Display	N/A	Yes	N/A
Dimension	310(H) x 175(W) x 380(D) mm	360(H) x 165(W) x 392(D) mm	360(H) x 165(W) x 392(D) mm

安业信息

Surveon
Complete Megapixel Solutions

EMR6000H

Professional Megapixel Hybrid NVR

Part Names and Functions

Front View

Rear View

1	LED Indicators	2	Power Switch
3	USB	4	Hot Swappable HD Tray
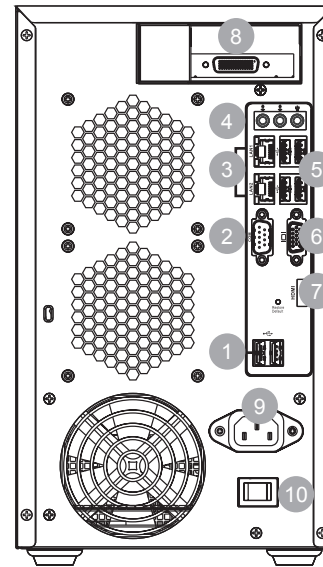
1	2 x USB	4	AUDIO	7	HDMI	10	Power SW
2	COM	5	4 x USB	8	BNC Connector		
3	2 x GLAN Ethernet	6	VGA	9	Power, AC Outlet		

EMR6000H Specifications

System Processor	Intel® Core i3
System Memory	DDR3 4GB
Chipset	Intel® Q67 Express Chipset-Embedded
Storage	3.5" SATA HDDs x6; HDD hot swappable with LED status indicator
Analogue	BNC Connector: 16x Video + 16x Audio
I/O Interface	• VGAx1; HDMIx1 • RJ-45: 2x Gigabit Ethernet • USB: 6x USB2.0 • COM: x1
H/W RAID	RAID 0, 1, 5
Electrical	• Input Voltage: 100~240VAC, 3.5A • Power Supply: 430W
Operating Environment	• Humidity: 5% to 80% (non-condensing) • Temperature: 5º to 40ºC
LCD Panel	Yes
LED Indicator	Yes (Fan, Temperature, Power, HDD)
Dimensions	310(H) x 175(W) x 380 (D) mm
Weight	9 kg (w/o HDD)
Certificate	BSMI, CB, FCC / CE Class B, UL60959/ IEC 60950, CCC for power only, GOST

Optional Accessories

Part Number	Description
H72A1XA3XXDX-0030	Desktop, 2TB SATA HDD, 6Gb/s

Ordering Information

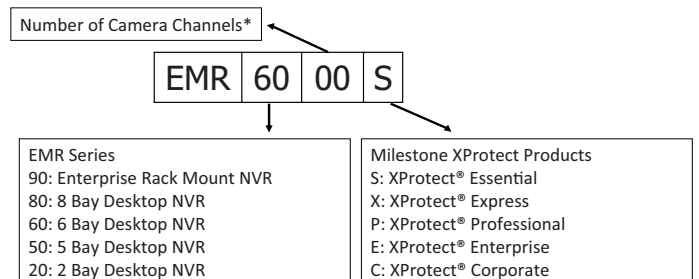| Barebone	
Part Number	**Description**
EMR6000HA1	EMR6000H Professional Megapixel NVR System
O.S. Pack & XProtect Installation Kit	
Part Number	**Description**
HEMR60C1A1-0010	1 HDD (2TB Desktop SATA HDD, 6Gb/s) + Windows 7 Professional, Non RAID
HEMR60C1C1-0010	1 HDD (2TB Desktop SATA HDD, 6Gb/s) + Windows 7 Ultimate, Non RAID, Multi Language
Milestone XProtect License*	
Part Number	**Description**
XLIC0XXXBYYY**	Milestone XProtect® Server License*** with Milestone XProtect® Camera License

*For Greater China Only
**XXX= Milestone XProtect Products (XProtect® Essential / Express / Professional / Enterprise / Corporate)
YYY= Number of Camera Channels
***Milestone XProtect® Essential /Express Server Base License, Preload with 2 Camera License

EMR6000H Series Part Numbers

Number of Camera Channels*

EMR 60 00 S

EMR Series
90: Enterprise Rack Mount NVR
80: 8 Bay Desktop NVR
60: 6 Bay Desktop NVR
50: 5 Bay Desktop NVR
20: 2 Bay Desktop NVR

Milestone XProtect Products
S: XProtect® Essential
X: XProtect® Express
P: XProtect® Professional
E: XProtect® Enterprise
C: XProtect® Corporate

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