

64CH. 4K NETWORK VIDEO RECORDER  
**MSNV4-4K64H16-EX**



Made In Japan

**MASAMITSU**  
 SECURITY TECHNOLOGY OF JAPAN



4K / 5.0 / 3.0 / 2.0 / 1.3 Mega-Pixel  
 H.265 64 CH. NVR, 16 HDD, 2 e-SATA

**ONVIF** | S  
 Ver. 2.4 Compliant



<b>4K Series</b> Ex Series	H.265 & H.264 ADVANCE	ONVIF S ONVIF 2.4	AUDIO IN/OUT	VGA OUT	HDMI OUT	USB	MOTION ALARM M.Detection	64 CH. CMS FREE VMS	P2P REMOTE VIEW	10/100/1000 NETWORK
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**MSNV4-4K64H16-Ex**

- Embedded 64 Ch. Network Video Recorder
- 25FPS (PAL) / 30FPS (NTSC) each channel recording
- H.265 / H.264 dual-stream video compression
- Support 64 channels VMS free
- Support 2.0 USB memory(USB flash Disk, USB HDD, USB CD/DVD Burner, etc.)
- Easy backup method: network download to remote client

- Support 10M /100M /1000M Network Interface
- Web setting, playback and review, NVR status check and video storage.
- Fast and convenient shortcut operation settings
- User Friendly GUI, remote control and mouse
- 16 SATA HDD support (Max. 8TB), 2 e-SATA Ext. Port
- PTZ control by Network

# MSNV4-4K64H16-Ex

## 64CH. 4K NETWORK VIDEO RECORDER



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### 64CH. NETWORK Video Recorder 4K / 5.0 / 3.0 / 2.0 / 1.3 Mega-Pixel H.265 NVR

MSNV4-4K64H16-Ex



Ver. 2.4 Compliant



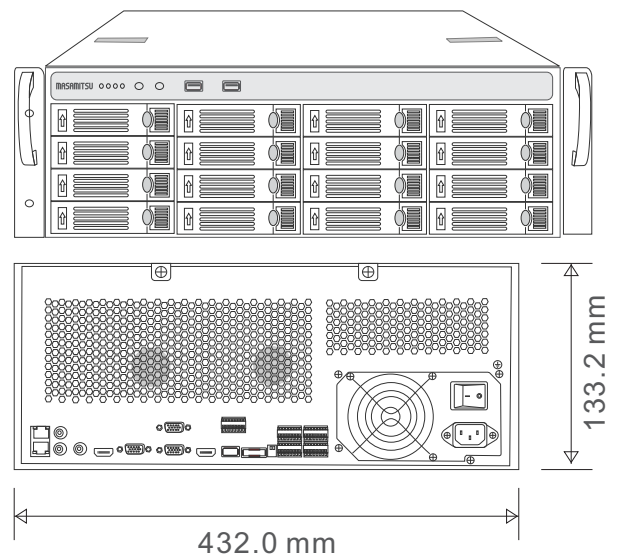
- 25FPS (PAL) / 30FPS (NTSC) each channel recording
- H.264 / H.265 dual-stream video compression
- Total bandwidth: 300Mbps
- Res: 64 Ch×(4096\*2160), 64 Ch×(2048\*1536), 64 Ch×(1920\*1080)
- Recording frame rate: 25fps / channel
- Playback res: 4 Ch× 4K / 16 Ch×1080P / 9 Ch× 3MP / 9 Ch× 5MP
- Support 64 channels VMS free
- Support 2.0 USB memory(USB flash Disk, USB HDD, USB CD/DVD etc.)
- Audio Input & Output: 1ch audio in, 1ch RCA audio out
- Alarm Input and Output: 16CH in, 8CH out
- Support 15 x digital zoom in preview/ playback channel
- Easy backup method: network download to remote client
- Support 10M/100M/1000M Network Interface
- Web setting, playback and review,NVR status check and video storage.
- Fast and convenient shortcut operation:copy & paste for the settings.
- User Friendly GUI, remote control and mouse
- Support free DDNS server: Admin Vision DDNS
- Networking method: PPPoE,NTP,DDNS,FTP, etc.
- Support 16 HDD SATA port (Max. 8TB) & 2 e-SATA External port
- Support HDD RAID 0,1,5,6,10 storage scheme configurable
- Support main mobile remote monitoring (iPhone/ iPad/ Android.)
- Support VGA & HDMI (Max. 4K) video output
- Industrial Design for 24-7-365 Operation

### TECHNICAL SPECIFICATIONS

Model Number	MSNV4-4K64H16-Ex
<b>VIDEO PARAMETER</b>	
Video Compression	H.265 / H.264 Main Profile
Video Standard	PAL: 625 Line, 50f/s; NTSC: 525 Line, 60f/s
Video Format	NTSC/PAL
Recording	TOTAL 64 CH. : 4K-25 FPS, 5.0 MEGA-25 FPS, 3.0 MEGA-25 FPS, 2.0 MEGA-25 FPS
Playback	4 CH. 4K & 5.0 MEGA-25 FPS, 9 CH. 3.0 MEGA-25 FPS, 16CH. 2.0 MEGA-25 FPS
Video Output	2 VGA & 2 HDMI(Max. 4K)
<b>AUDIO PARAMETER</b>	
Audio Compression	G711a
Audio Input (RCA)	1CH
Audio Output (RCA)	1CH
Intercom	Support
<b>INTERFACE</b>	
USB (2.0)	2
USB (3.0)	1
Network	2 RJ-45 (10M/100M/1000M)
RS485	1 * RS485
eSATA	Support
Alarm Input	16 CH
Alarm Output	8 CH
e-SATA	2 e-SATA External Port
HDD Port	16 SATA port (Max. 8TB) & 2 e-SATA External Port
<b>OPERATION</b>	
CMS	Support
IE Browser	Support
Snapshot	Support
Zoom	Support 15 x digital zoom in preview/ playback channel
Mobile Monitor	Support
<b>FUNCTION</b>	
Backup	USB,HDD,Network
Alarm Mode	MD,VB,VL,AI,AO
Alarm Handling	Message,Email,Buzzer,FTP
Split Mode	1,4,9,16,24,36
Event Log	Support
Search Mode	By Time,By Event Type
DDNS / P2P	Support (Admin Vision) / P2P with QR Code
ONVIF	Support
Network Service	PPPoE,NTP,DDNS,FTP
DST Time	Support
<b>OTHERS</b>	
Operating System	Embedded Linux
Main Processor	Hi3536
Application	XP,Vista,Win7

Model Number	MSNV4-4K64H16-Ex
<b>POWER</b>	
Power Supply	100-240V 250W
Power Consumption	≤50W (without HDD)
<b>OTHERS</b>	
GUI	Support
Mobile Software	iPhone, iPad, Android,
Multi-Language	Support
Working Temperature	0 - 55 Degree Celsius
Size(mm)	L432*W521*H133.2 mm
Weight(kg)	≤18.5 Kg. (Without HDD)

### DIMENSIONS



The above mentioned technical drawings are for reference only.

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