

16CH, 4K POE NETWORK VIDEO RECORDER
MSNV4P-4K16H4-EX



Made In Japan

MASAMITSU
 SECURITY TECHNOLOGY OF JAPAN



4K / 5.0 / 3.0 / 2.0 / 1.3 Mega-Pixel
 H.265 16 CH. PoE NVR, 4 HDD, 1 e-SATA

ONVIF | S
 Ver. 2.4 Compliant



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

MSNV4P-4K16H4-Ex

- Embedded 16 Ch. PoE 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
- 4 SATA HDD support (Max. 8TB), 1 e-SATA Ext. Port
- PTZ control by Network

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16CH. PoE NETWORK Video Recorder 4K / 5.0 / 3.0 / 2.0 / 1.3 Mega-Pixel H.265 NVR

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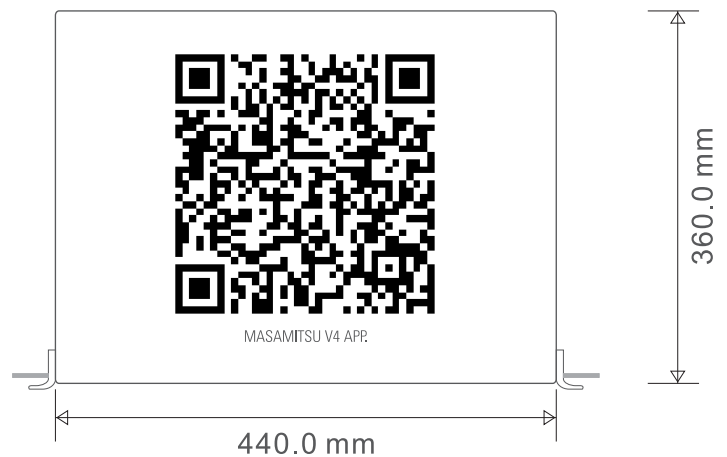
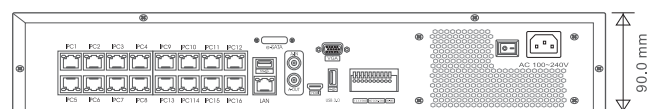
- 25FPS (PAL) / 30FPS (NTSC) each channel recording
- H.264 / H.265 dual-stream video compression
- Total bandwidth: 300Mbps
- Res: 16 Ch×(4096*2160), 16 Ch×(2048*1536), 16 Ch×(1920*1080)
- Recording frame rate: 25fps / channel
- Playback res: 4 Ch ×4K / 16 Ch ×1080P / 9 Ch × 3MP / 9 Ch x 5MP
- Support 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: 4CH in, 1CH 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 4 HDD SATA port (Max. 8TB) & 1 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	MSNV4P-4K16H4-Ex
VIDEO PARAMETER	
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 16 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	1 VGA & 1 HDMI(Max. 4K)
AUDIO PARAMETER	
Audio Compression	G711a
Audio Input (RCA)	1CH
Audio Output (RCA)	1CH
Intercom	Support
INTERFACE	
USB (2.0)	2
USB (3.0)	1
Network	16 RJ-45 (10M/100M) with PoE / 1 RJ-45 (10M/100M/1000M) LAN
RS485	1 * RS485
e-SATA	Support
Alarm Input	4 CH
Alarm Output	1 CH
e-SATA	1 e-SATA External Port
HDD Port	4 SATA port (Max. 8TB) & 1 e-SATA External Port
OPERATION	
CMS	Support
IE Browser	Support
Snapshot	Support
Zoom	Support 15 x digital zoom in preview/ playback channel
Mobile Monitor	Support
FUNCTION	
Backup	USB,HDD,Network
Alarm Mode	MD,VB,VL,ALAO
Alarm Handling	Message,Email,Buzzer,FTP
Split Mode	1,4,9,16
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
OTHERS	
Operating System	Embedded Linux
Main Processor	Hi3536
Application	XP,Vista,Win7

Model Number	MSNV4P-4K16H4-Ex
POWER	
Power Supply	100-240V 250W
Power Consumption	≤30W (without HDD)
OTHERS	
GUI	Support
Mobile Software	iPhone, iPad, Android,
Multi-Language	Support
Working Temperature	0 - 55 Degree Celsius
Size(mm)	L440*W360*H90 mm
Weight(kg)	≤6.0 Kg. (Without HDD)

DIMENSIONS



The above mentioned technical drawings are for reference only.

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