

64CH. 4K NETWORK VIDEO RECORDER
MSNV4-4K128H16-EX



Made In Japan

MASAMITSU
SECURITY TECHNOLOGY OF JAPAN



4K / 5.0 / 3.0 / 2.0 / 1.3 Mega-Pixel
H.265 128 CH. NVR, 16 HDD, 2 e-SATA

ONVIF | S
Ver. 2.4 Compliant



MSNV4-4K128H16-Ex

- Embedded 128 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

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128 CH. 4K NETWORK VIDEO RECORDER



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128CH. NETWORK Video Recorder 4K / 5.0 / 3.0 / 2.0 / 1.3 Mega-Pixel H.265 NVR

MSNV4-4K64H16-Ex



Ver. 2.4 Compliant



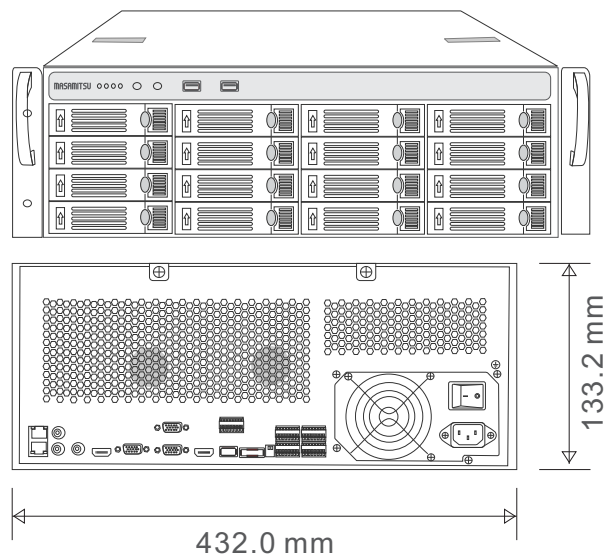
- 25FPS (PAL) / 30FPS (NTSC) each channel recording
- H.264 / H.265 dual-stream video compression
- Total bandwidth: 300Mbps
- Res: 128Ch×(4096*2160), 128Ch×(2048*1536) 128Ch×(1920*1080)
- Recording frame rate: 25fps / channel
- Playback res: 4 Ch× 4K / 16 Ch×1080P / 9 Ch× 3MP / 9 Ch× 5MP
- Support 64 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	MSNV4-4K128H16-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 128 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)
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	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
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, 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
OTHERS	
Operating System	Embedded Linux
Main Processor	Hi3536
Application	XP, Vista, Win7

Model Number	MSNV4-4K64H16-Ex
POWER	
Power Supply	100-240V 250W
Power Consumption	≤50W (without HDD)
OTHERS	
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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