

## OS-NVR8M8P-2H1-4K | 8 Channel Smart 1U 8PoE Lite 4K H.265 NVR



- H.265/H.264 codec decoding
- Max 80Mbps incoming bandwidth
- Up to 8Mp resolution preview&playback
- Up to 1ch@8MP/4ch@1080P decoding
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 8PoE ports



### System Overview

Osiris NVR2000-4KS2 is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264. Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

### Functions

#### 4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

#### High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

#### Automatic Network Replenishment (ANR) Technology

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

#### Easy4ip

The Easy4ip app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

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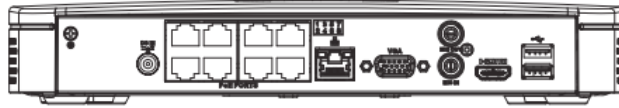
### Technical Specifications

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Audio and video	
IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720, VGA: 1920×1080, 1280×1024, 1280×720
Capacity	1ch@8MP 30fps, 4ch@1080P 30fps
Multi-screen Display	1/4/8/9
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Recording	
Compression	H.265/H.264
Resolution	H: 8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Record Rate	80Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule Regular (Continuous), MD, Stop
Record Interval	1~120 min (def: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Third-party Support	
Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, ...
Video	
Trigger Events	Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), and Tampering
Relay Output	N/A
Alarm Input	N/A
Storage	
Internal HDD	1 SATA III Port, up to 6TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

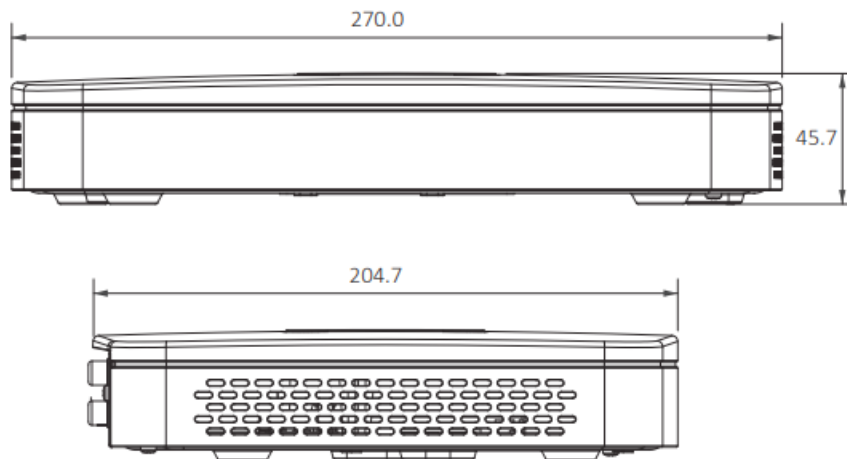
Playback and backup	
Playback	1/4
Search Mode	Time /Date, MD and Exact Search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Network	
Interface	1 RJ-45 port (10/100/1000Mbps)
PoE	8 ports (IEEE802.3at/af)
Network Function	HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search, Easy4ip
OFI	Optical Fiber Interface = N/A
Max. User Access	128 Users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI
Certifications	
Certifications	CE:EN55032, EN55024, EN50130-4, EN60950-1 FCC:Part15 subpartB, ANSI C63.4-2014, UL:UL60950-1
Auxiliary Interface	
USB	2 ports (2 Rear USB2.0)
RS232	N/A
RS485	N/A
Electrical	
Power Supply	Single, DC48V/2A
Power Consumption	NVR: <5.8W (without HDD), PoE: Max 25.5w for single port, 80w in total
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
Dimensions (W×D×H)	Smart 1U, 270mm×204.7mm×45.7mm (10.6" x 8.1" x 1.8")
Net Weight	0.65kg (1.43 lb) (without HDD)
Gross Weight	1.8kg(3.97 lb)(without HDD)

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### Rear panel



### Dimensions (mm/inch)



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