

NVR-OPT-8032H (32C) & NVR-OPT-8164H (64C)

Network Video Recorder

SYSTEM OVERVIEW

Video Input:

16 channels of 4K video input.
64 channels of 5M video input.
24 channels of 5M video input.
36 channels of 4M video input.

Video Output:

HDMI/VGA simultaneous video output. This means you can connect both HDMI and VGA monitors simultaneously to view the video feeds.

Storage Capacity:

2U Case: This indicates the form factor or size of the NVR, typically used in rack-mounted setups.

8 SATA ports: This means you can connect up to 8 SATA hard drives for storage.

Up to 64TB: The NVR can support a maximum of 64 terabytes of storage across these drives.



Video Compression:

H.265AI/H.265+: These are video compression standards that help in efficient storage and transmission of video data.

Compatible with H.265/H.264: This means it can work with older H.265 and H.264 video formats as well.

Network Connectivity:

1*10/100/1000Mbps auto-sensing Ethernet port: This is the network connection used to connect the NVR to your local network or the internet.

Automatic networking support: This suggests that the NVR has some form of automatic setup or configuration for network connectivity.

A key to add equipment: This could refer to a simplified setup process where you can easily add cameras or other devices to the NVR.

Protocol Support:

ONVIF is a standard for IP-based security products, ensuring interoperability between different manufacturers' devices.

These specifications indicate a robust video surveillance system with a significant number of input channels, support for high-resolution video, ample storage capacity, and network connectivity options. It's suitable for use in larger surveillance setups or installations where multiple cameras are needed.

TECHNICAL SPECIFICATION

Model No.		NVR-OPT-8032H	NVR-OPT-8164H
System	Main processor	Hi3536	Hi3536
	Operating system	Embedded LINUX operating system	Embedded LINUX operating system
	System resource	Simultaneous multi-channel real-time recording, playback, network operation, USB backup	Simultaneous multi-channel real-time recording, playback, network operation, USB backup
Interface	Operation interface	16-bit true color graphic menu operation interface, support mouse operation	16-bit true color graphic menu operation interface, support mouse operation
	Display screen	1/4/8/16/25/32	1/4/8/16/25/32/64
Video	Video input (IP)	16ch4K/64ch5M	16ch4K/64ch5M
	Video standards	PAL(625TVL,50f/s);NTSC(525TVL,60f/s)	PAL(625TVL,50f/s);NTSC(525TVL,60f/s)
	Video compression	H.265/H.264	H.265/H.264
	Display quality	Max:4K	Max:4K
	Playback quality	4K/5MP/1080P	4K/5MP/1080P
	Decode	H.265AI/H.265+(compatible H.265/H.264)	H.265AI/H.265+(compatible H.265/H.264)
	Motion detection	Depend on camera	Depend on camera
Audio	Audio compression	G711A	G711A
	Intercom	Unsupported	Unsupported
Record and playback	Record mode	Manual>Alarm>Video Detection>Continuous	Manual>Alarm>Video Detection>Continuous
	Local playback	4ch5M/9ch4M/8ch1080P	4ch5M/9ch4M/8ch1080P
	Search mode	search by Time/calendar/event/channel	search by Time/calendar/event/channel
Storage and back up	Record Storage	HDD 、 network	HDD 、 network
	Backup mode	Network backup, USB hard disk, USB burner, SATA burner	Network backup, USB hard disk, USB burner, SATA burner

Interface	Video output	1ch HDMI HD Output ,1CH VGA Output	1ch HDMI HD Output ,1CH VGA Output
	Audio I/O	"1/1	"1/1
	Alarm I/O	NA	16/4
	Network interface	1*RJ45 1*10/100/1000Mbps Ethernet port	1*RJ45 1*10/100/1000Mbps Ethernet port
	USB interface	2*USB2.0 port	2*USB2.0 port
	Hard disk	8*SATA (Up to 8TB for each disk)	8*SATA (Up to 8TB for each disk)
Other	PTZ control	Control PTZ device by network	Control PTZ device by network
	ONVIF	Available	Available
	Power supply	ATX	ATX
	Power Consumption	<10W(Without HDD)	<10W(Without HDD)
	Work environment	Temperature:0°C- + 55°C , Humidity:10% - 90%RH , Atm:86kpa - 106kp	Temperature:0°C- + 55°C , Humidity:10% - 90%RH , Atm:86kpa - 106kp
	Dimension	443(L)* 427.5mm(W)* 92mm(H)	443(L)* 427.5mm(W)* 92mm(H)
	Weight	6.2KG	6.2KG