Datesheet

Model	NVR3864

Network Video Recorder

Key Features

Support Smart265/264 video formats

16/32/64-channel input

Third-party IP cameras supported with O-N-V-I-F conformance: Profile S, Profile G, Profile T

Support 2-ch HDMI, 1-ch VGA. HDMI1 and HDMI2 up to 4K (3840x2160) resolution

HDMI1, HDMI2, VGA independent outputs provided

Up to 12 Megapixels resolution recording

Support RAID 0, 1, 5, 6, 10

8 SATA HDDs, Up to 10TB for each HDD

Various fisheye dewarping modes for live view and playback for both web interface and GUI

Support N+1 Hot spare

Support for 12V Power output

ANR technology to enhance the storage reliability when the network is disconnected

Technical Specifications:

Video/Audio Input	
IP Video Input	64-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	384Mbps
Outgoing Bandwidth	384Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	VGA:
	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	HDMI1/HDMI2(HDMI audio output is not supported):

	4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Synchronous Playback	16-ch
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
Decoding	
Decoding format	Smart265/264
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1
Hard Disk	
SATA	8 SATA interfaces
Capacity	up to 10TB for each HDD
eSATA	1 eSATA interface
Disk Array	
Array Type	RAID 0, 1, 5, 6, 10
Smart	
VCA Detection	Face detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking, Object left behind, Object removed
VCA Search	Face search, Behavior search
Statistical Analysis	People counting
External Interface	
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Serial Interface	1 x RS232, 1 x RS485
USB Interface	Front panel: 2 x USB2.0,Rear panel: 1 x USB3.0
Alarm In	16-ch
Alarm Out	4-ch
General	
Power Supply	100~240 VAC
	Power Consumption: ≤ 25 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	442mm ×426mm× 89mm (17.4" × 16.8"× 3.5")
Weight (without HDD)	≤ 5.7Kg (12.57lb)

426mm
(16.8")

442mm
(17.4")

89mm
(3.5")

eSATA Interface

CVBS Output

Audio Ouput

Alarm In

GND

USB2.0

Network Interface

Audio Input

HDMI Output

VGA Output

HDMI Output

USB3.0

RS-232

RS-485

Alarm Out

12V Power Output

Power Supply

Power On/Off