

NETWORK VIDEO RECORDER



Network Video Recorder



KEY FEATURES

- 16CH full real-time network video access
- H.265/H.264 dual-stream decoding
- HDMI output, support 2160P HD preview
- Support 8CH standard PoE
- Support network detection
- Support Instant playback
- Support alarm snapshot, alarm email sending



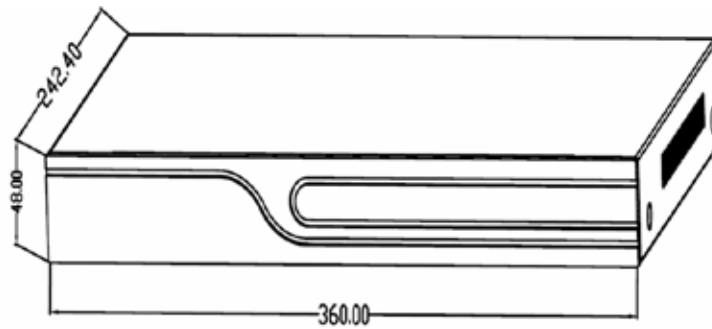
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Specifications

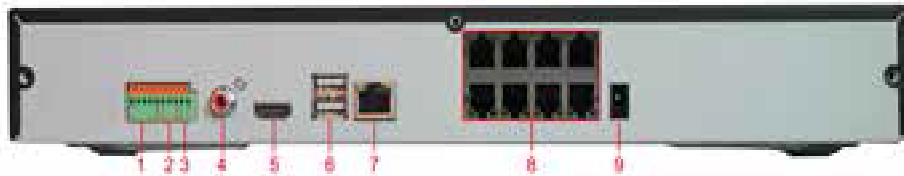
Video	
Network video input	16 CH
Network access bandwidth	80Mbps
Video compression	H.265 /H.264 /MJPEG
Video output	HDMI output 3840×2160@30Hz,1920×1080@60Hz,1280×1024@60Hz
Video preview mode	16ch preview (Without local intelligence analysis)
Video bit rate	16-16000Kbps
Video resolution	4K/5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Image display	1/4/6/8/9/16 image display
Snapshot mode	Support timing snapshot, manual snapshot, JPEG format
Motion detection	Support 396(22*18) surveyed area can be set in every screen and multi-level sensitivity adjustable
Privacy mask	Support 4 zones
Intelligent detection	Motion detection, video loss, video tampering, support FSN SMART IPC intelligent function
Video frame rate	1-30fps
Record mode	Manual/external alarm/MD/timing/intelligent analysis alarm
Playback ability	Support 1CH 4K/5MP/3MP; 4CH1080P 16CH sub-stream record sync playback
Playback mode	Instant playback, Local video, local image, External file playback
Record search	Time, calendar, event search, channel search(ANR, regular video, motion detection video, alarm video, intelligent detection video)
Video playback	Start, stop, normal play, back play, forward 30 seconds, backward 30 seconds, fast play(1-256X), slow play(1-1/32X), frame play, display the hidden progress bar, backup, snapshot, full screen, roller amplification time bar precise
Audio	
Audio compression	G.711u
Audio input	IPC complex audio input
Audio output	1CH, RCA interface
Storage and backup	
Storage interface	2 SATA
HDD capacity	Single max.6T
Disk grouping	According to video channels to set HDD quantity
Disk quota	According to video channels to set HDD storage capacity
Backup location	Local, network
Backup method	USB mobile hard disk, U disk, network backup
ANR	Support FSN IPC (with TF card) ANR
Function	
Network protocol	TCP/IP, HTTP, HTTPS, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P
Interface protocol	ONVIF, RTSP, GB28181
Protocol port	ONVIF/ RTSP/ HTTP/ HTTPS/ RTMP port customized
Mobile surveillance	Support Apple, Android
Web browser	Support IE, Chrome, Firefox, Safari
Display function	Channel shortcuts: Instant playback,3D positioning, show smart detection,show face detection,voice intercom,channel audio DTPR: HDD Info, alarm info(arming/disarming), device list(display whether IPC online, record type, structure (customized channel classification, facilitate quick preview), group round touring, desktop menu can be hidden
IPC timing	Manual/ auto/ timing /reconnect timing IPC timing
Alarm linkage	Send email, audible warning (buzzer), alarm on monitor, upload to center, record, snapshot, preview, PTZ linkage
Network detection	Flow monitoring, network wireshark, network test
User management	User add, delete, modify, permission management Auxiliary users(secondary password protection)
Manage IPC	Modify IPC parameters, IPC upgrade
Interface	
Network interface	1 RJ45 1000M Ethernet port
POE interface	8CH (IEEE 802.3af)
Alarm input	4CH
Alarm output	1CH
RS-485	Support
USB interface	Rear panel: 2 USB2.0
Power	
Power supply	DC48V/3A(Power plug specification optional)
Power consumption	<10W (Without HDD)
Environmental	
Operation temperature/ humidity	-10°C ~ 55°C/10 % -90 %
Casing	
Dimension(mm)	360(L)x242.4(W)x48(H)mm
Weight/PCS(g) (without HDD)	2Kg

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Dimensions (Unit: mm)



Backboard



Interface

1	Alarm input
2	Alarm output
3	RS485
4	Audio output
5	HDMI video output
6	USB 2.0
7	RJ45 network interface
8	POE supply interface
9	DC48V

Ordering Information

Model Number
NVR2Z16-2