

16CH 4K Network Video Recorder (None PoE)



- Support Ultra 265/H.265/H.264 video formats
- 16-channel input
- Compatible with third-party network cameras
- 16CH Synchronous playback at up to 1080p resolution
- 2 SATA HDDs, up to 10TB for each HDD

Specifications

Model	NVR9816
System Interface	
Operation Interface	16bit True Color Graphic Menu Operation Interface
Image Display	1/4/6/9/16 Screen
Audio/Video Input	
Video Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)
Input Bandwidth	160Mbps
Out Bandwidth	256Mbps
IPC Input	16CH
Audio/Video Output	
VGA Output	1CH,1920*1080/1440*900/1280*1024/1280*720/1024*768
HDMI Output	HDMI: EDID/3840*2160/1920*1080/1440*900/1280*1024/1280*720/1024*768
Audio Output	1CH, RCA (Line out, 1/2MS, 300Ω)
Audio Encoding	
Audio Compression	G.711A / G.711U
Audio Bit Rate	8Kbps (8bit)
Video Decoding	
Video decoding	H.265+ / H.265 / H.264+ / H.264
IP CH Resolution	Main stream: Up to 3840*2160, Auxiliary Stream: D1
Frame Rate	4K@45fps, 4MP@90fps, 2MP@180fps
Sync, Playback	Up to 16CH (Event/Tag/Smart/External/Facel Search)
Decoding Capability	4K@45fps, 4MP@90fps, 2MP@180fps
Live & Playback	
Motion Detection	Zones: 1408 (44*32), Multi-level Sensitivity: level 1-8)
Vidoe Loss	Support
Alarm	Beep Alarm, SSL E-mail Alarm, Push notification to Mobile APP
Snapshot	Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive)
Bidirectional Talk	Two Way Voice Intercom

Recording Mode	Motion, Manual, Intelligent
Record Retrieval	Time bar playback, Event playback, Timeline playback, Fast playback, AI event playback
Playback Function	Fast forward / backward (2X, 4X, 8X,16X), Slow forward (1/2X, 1/4X, 1/8X,1/16X)
Playback CH	Max 16CH playback
UI/Monitoring	
Local	UI5.0
WEB	IE10/11, Safari V12.1 above, Firefox V.52 above, Google Chrome V.57 above, EdgeV.79above
Mobile App/Smart P	Support
Smart Phone	iOS, Android
Interoperability	Profile-S, Profile-G, Profile-T
SDK	Support
P2P / Cloud Storage	Support / Support Google Drive, Dropbox
VMS	Support VMS Pro
Push Notification	Yes
Intelligent Analysis	
AI Function	Face Detection, Pedestrian Detection, Vehicle Detection, Cross Counting, Heat Map, Crowd Density Detection, Perimeter Intrusion Detection, Line Crossing Detection, Queue Length Detection, License Plate Detection, Rare Sound Detection
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support IP camera, DVR, NVS, etc.), P2P
DDNS	Built in Free DDNS
Max. User Access	32 users, but maximum 5 users with the same account
Remote Operation	Monitoring, PTZ Control, Playback, System Setting, File Download, Log Information
Interface	
SATA HDD Interface	2 x 10TB HDD
Network Port	RJ45 x 1, 100M/1000M Base-T
USB port	USB 2.0 x 1(Front)+ USB 2.0 x 1 (Rear)
RS-485	NA
Alarm Input	NA
Alarm Output	NA
Structure	
Dimensions	378 x 340 x 50mm
Weight	2.5KG (Not including HDD)
Power Supply	DC12V/5A
Power Consumption	< 3W (without HDD, without POE)
Operation Temp.	-10°C - +55°C
Humidity	10% - 95%