

# NVR's AI Series



## NVR8016

16CH@4K

H.265+IA (human detection, facial detection)

Max 80Mbps incoming bandwidth

Up to 4K resolution preview&playback

Up to 4K decoding

HDMI/VGA simultaneous video output



System	
Operating System	Embedded LINUX
Audio and Video	
IP Camera Input	16CH 4K
Two-way Talk	N/A
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: Max (4K/1920*1080,1280*720,1440*900,1280*1024, 1024*768,800*600)
Decoding Capability	2*4K/4*5M/8*3M/16*2MP
Multi-screen Display	1/2/4/6/8/9/16
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Recording	
Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
Resolution	4K, 5MP(2592×1944),4MP(2688×1520),3MP(2048×1536),1080P(1920×1080),960P(1280×960), 720P(1280×720),D1 (720×576/720×480)
Playback quality	4K/5Mpx/3Mpx
Record Mode	Manual, Schedule (Regular, MD(Motion Detection) , Alarm), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	N/A

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Playback and Backup	
Local Playback	1*4K/4*5M/8*3M
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full
Backup Mode	USB Device/Network
Third-party Support	
Third-party Support	Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Watchnet and more
Network	
Interface	1 RJ-45 Port (10/100Mbps)
Network Function	TCP/CP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP, P2P
Max. User Access	64 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	1SATA,Up to 10 TB capacity
Auxiliary Interface	
USB	2 rear panel USB 3.0 Ports
Electrical	
Power Supply	DC12V 2A, 50 ~ 60 Hz
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	335*50*250mm
Net Weight	3kg (without HDD)
Certifications	
Certifications	CE
	FCC
	RoHS