

16CH NVR

NVR3016E1



- Video Input: 16CH
- Motion Detection: 16CH
- Up to 4K Resolution Recording
- H265/H264/H265+/H264+
- 1 SATA HDD Up to 8 TB capacity for each HDD



Video

Input	16CH(3840*2160,2592x1944, 2048x1536, 1920×1080, 1280×960, 1280×720, etc)
Output	1 VGA, 1 HD

Audio

Input	1 Port RCA, support 16CH IPC audio input
Output	1 Port RCA(Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression standard	G711u, G711a, ADPCM_DVI4
Intercom	support (two-way)

Alarm

Sensor Input	N/A
Output	N/A
Motion Detection	16Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips

Display

HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm

Recording

Video Compression	H265/H264/H265+/H264+
Resolution	4k(3840×2160),5MP(2592×1944),4MP(2688×1520/2560×1440),3MP(2048×1536),1080P(1920×1080),960P(1280×960),720P(1280×720),D1 (720×576/720×480)
Record Rate	PAL :4K@10CHx25fps,5MP@16CH×25fps,4MP@16CHx25fps,3MP@16CH×25fps,1080P@16CH×25fps,960P@16CH×25fps,720P@16CH×25fps, D1@16CH×25fps NTSC: 4K@10CHx30fps,5MP@16CH×30fps,4MP@16CH×30fps,3MP@16CH×30fps,1080P@16CH×30fps,960P@16CH×30fps, 720P@16CH×30fps, D1@16CH×30fps
Record Mode	Manual\Timer\Motion Detection\ Smart Event

Playback & Backup

Local Sync Playback	1CH 4K@30fps, 1CH 5MP@30fps,2CH 4MP@30fps, 2CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps,16CH D1@30fps
Decode Capability	4CH 1080P(1920x1080)@30fps
Remote Sync Playback	YES
Search Mode	ALL, Timing Video, Motion Detection, Alarm,Tag search,Smart Event,Pictrue,Log
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network

Network

Interface	1xRJ45 10M/100/1000MAdaptive Ethernet Interface
Incoming Bandwidth	120Mbps
Outgoing Bandwidth	120Mbps
Network Functions	IPv6/TCP/IP, HTTP,HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
Onvif	Profile S, Profile T
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10/Windows 11/MAC OS
Cloud Support	Yes
Smart Phone	iPhone, Android
POE	N/A
WIFI	N/A

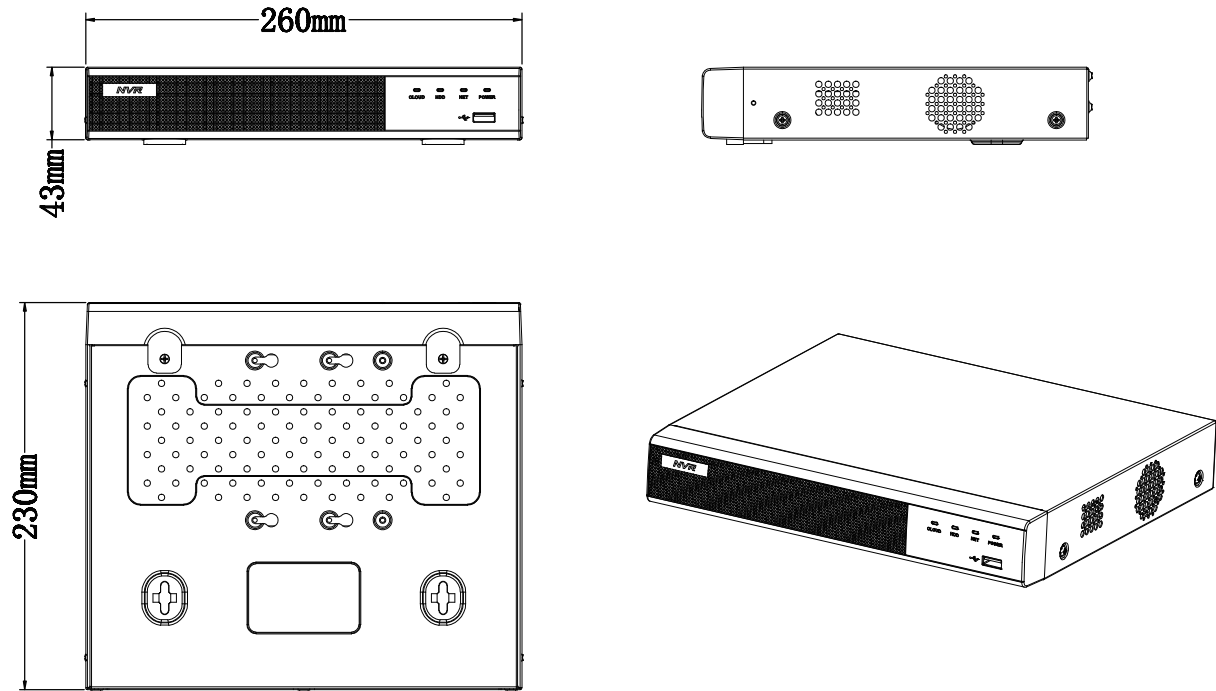
Storage

Interface Type	1 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 8TB capacity
eSATA	N/A

General

Language UI	Simplified Chinese, Traditional Chinese,English, Russian,Deutsch, French, Portuguese, Spanish, Italian, Korean, Janpanese, Ukrainian, Polski,Dutch, Greek, Czech, Arabic
USB Interface	2 USB 2.0 Interfaces
RS485	N/A
Power consumption	DC12V/2000mA ≤10W (Without Hard Disk)
Working Environment	-10℃～50℃, 10%～90%(humidity)
Product Dimension(W×D×H)	260*230*43(mm)
Net Weight	0.74kg(without HDD)
Gross Weight	1.21kg(without HDD)

Dimensions (mm)



Connection Diagram

