



SPECIFICATION	
Model NO.	NVR3216E2P16
System	
Main Processor	Quad Cortex A53
Operating System	Embedded LINUX
Video	
Input	16CH(12MP/8MP/6MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF)
Output	1*HD,1*VGA
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, AAC
Intercom	support (two-way)
Alarm	
Sensor Input	4CH
Output	1CH
Motion Detection	16Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output
Display	
HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	1920*1080/1280*1024/1280*720/1024*768
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	12MP(4000*3000),8MP(3840*2160),6MP(3072*2048),5MP(2592*1944),4MP(2688*1520/2560*1440),3MP(2048*1536),1080P(1920*1080),1280x1024,960P(1280x960),720P(1280*720),960H(960x480)D1 (720*576/720*480)
Record Rate	PAL: 12MP@16CHx25fps,8MP@16CHx25fps,6MP@16CHx25fps,5MP@16CH x25fps,4MP@16CHx25fps,3MP@16CH x25fps,1080P@16CH x25fps, 960P@16CHx25fps,720P@16CH x25fps, 960H@16CHx25fps,D1@16CH x25fps NTSC: 12MP@16CHx30fps,8MP@16CHx30fps,6MP@16CHx30fps,5MP@16CH x30fps,4MP@16CHx30fps,3MP@16CH x30fps,1080P@16CH x30fps, 960P@16CHx30fps,720P@16CH x30fps, 960H@16CHx30fps,D1@16CH x30fps
Record Mode	Manual\Timer\Motion Detection\ Alarm\Smart Event
Playback & Backup	
Local Sync Playback	1CH 12MP@30fps,2CH 8MP@30fps,3CH 5MP@30fps, 4CH 4MP@30fps,8CH 1080P@30fps, 16CH 960P@30fps, 16CH 720P@30fps,16CH D1@30fps
Decode Capability	1080P(1920x1080)@240fps
Remote Sync Playback	YES
Search Mode	ALL, Timing Video, Motion Detection, Alarm,Tag search,Smart Event,Picttrue,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	160Mb
Outgoing Bandwidth	160Mb
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	16 x independent 100Mbps POE Network Interfaces(Output power AF mode 15W per port), 45/78 line order, Total Power Output≤ 200W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	N/A
Storage	
Interface Type	2 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10 TB capacity for each HDD
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	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
RS485	N/A
Power consumption	100-240VAC , 50/60Hz ≤15W (Without Hard Disk and POE)
Working Environment	-10℃ ~ 55℃ , 10% ~ 90%(humidity)
Product Dimension(W×D×H)	380 x 316 x 51mm
Net Weight	2.58kg(without HDD)
Gross Weight	3.48kg(without HDD)