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SPECIFICATION

Model NO.	**NVR3116C1**
System	
Main Processor	Dual 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, MP2L2
Intercom	support (two-way)
Alarm	
Sensor Input	N/A
Output	N/A
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center
Display	
HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/2CH/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@10CHx25fps,4K@16CHx25fps,5MP@16CH ×25fps,4MP@16CHx25fps,3MP@16CH ×25fps,1080P@16CH×25fps, 960P@16CH×25fps,720P@16CH×25fps, D1@16CH×25fps NTSC: 12MP@10CHx30fps,4K@16CHx30fps,5MP@16CH ×30fp,4MP@16CH×30fp,3MP@16CH×30fps,1080P@16CH×30fp,960P@16CH×30fp, 720P@16CH×30fp,D1@16CH×30fp
Record Mode	Manual\Timer\Motion Detection\Smart Event
Playback & Backup	
Local Sync Playback	1CH 12MP@30fps,1CH 8MP@30fps,2CH 5MP@30fps,4CH 4MP@30fps,7CH 1080P@30fps,16CH 720P@30fps,16CH D1@30fps
Decode Capability	1080P(1920x1080)@210fps

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Remote Sync Playback	YES
Search Mode	ALL, Timing Video, Motion Detection, 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	1 RJ45(10M/100M/1000M self-adaptive Ethernet Interface)
Incoming Bandwidth	128Mbps
Outgoing Bandwidth	80Mbps
Network Functions	IPv4/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 10TB capacity
eSATA	N/A
General	
Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Janpanese, Ukrainian, Kazakh
USB Interface	2 USB 2.0 Interfaces
RS485	N/A
Power consumption	DC12V/2A ≤ 10W (Without Hard Disk)
Working Environment	-10℃～50℃, 10%～90%(humidity)
Product Dimension(W×D×H)	260*230*43(mm)
Net Weight	0.68kg(without HDD)
Gross Weight	1kg(without HDD)

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