

8CH POE 4K Video Recorder



SPECIFICATION

Model NO.	NVR16C8P4k1S
System	
Main Processor	ARM Cortex A7 Processor
Operating System	Embedded LINUX
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)



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Heemdtedestraat 16 Amsterdam, Netherlands
Support@iid2secure.nl
+31614762425
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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	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(1280x960),720P(1280×720),D1 (720×576/720×480)
Record Rate	PAL :4K@10CHx25fps,5MP@16CHx25fps,4MP@16CHx25fps,3MP@16CHx25fps,1080P@16CHx25fps,960P@16CHx25fps,720P@16CHx25fps,D1@16CHx25fps NTSC: 4K@10CHx30fps,5MP@16CHx30fps,4MP@16CHx30fps,3MP@16CHx30fps,1080P@16CHx30fps,960P@16CHx30fps,720P@16CHx30fps,D1@16CHx30fps
Record Mode	Manual\Timer\Motion Detection\ Alarm\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



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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 G, 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, iPad, Android, Android Pad
POE	8 x Independent 100Mbps POE Network Interfaces(Output power AF mode 15W per port), 45/78line order, Total Power Output 72W, Support Plug and Play, Support network cable extended mode Max. 200M
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, Japanese Ukrainian, Pulaski, Dutch, Greek, Czech, Arabic
USB Interface	2 USB 2.0 Interfaces
RS485	N/A
Power consumption	DC48V/2500mA ≤10W(Without Hard Disk and POE)
Working Environment	-10°C~50°C, 10%~90%(humidity)
Product Dimension(W×D×H)	260*230*43(mm)
Net Weight	1.01kg(without HDD)
Gross Weight	1.89kg(without HDD)



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