



## ◆ SPECIFICATION

<b>Model NO.</b>	<b>NVRC421PKM4FE800H</b>	
<b>Package</b>		
NVR	1x NVRC421PK	
Camera	2 x IPSU20FE800 2x IPR25FE800	
Cable	4x 20m CAT5e Cable	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	No	
Adaptor	DC52V/1.25A	
Weight	6.8kg/SET	
<b>Camera Model</b>	<b>IPSU20FE800</b>	<b>IPR25FE800</b>
Image Sensor	1/2.5" High-resolution CMOS Sensor	
Resolution	8MP	
Effective Pixels	2704(H)*1950(V)	
Compression	H.265	
TV System	PAL/NTSC	
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	
Minimum Illumination	0.01Lux	
S/N Ratio	≥52dB	
Scanning System	Progressive	
Video Output	Network	
Reset Button	Optional	
<b>Lens</b>		
Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
Pixels	5MP	

## Night Vision

Infrared LED	14μ x 18PCS	14μ x 20PCS
Infrared Distance	20M	25M
IR Status	Auto Control	
IR Power On	Auto Control	

## Network

Ethernet	RJ-45 (10/100Base-T)
Wireless	/
Protocol	TCP/IP,ICMP,RTP,RTSP,RTCP
ONVIF	/
P2P	/
POE	Yes, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)
Main Stream 1	3840x2160@15fps
Main Stream 2	/
Main Stream 3	/
Sub Stream 1	1280x720@15fps
Sub Stream 2	/
Sub Stream 3	/
Tri Stream	/
IE Brower	/
Smart Phone	/

## Camera Features

Day/Night	Color/ B&W (IR-CUT )
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, White Balance, FLK(Flicker Control)
Starlight	/
Corridor Pattern	/
Defog Mode	/
ROI	/
BLC	YES
HDR	/
WDR	NO
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR
Language	/

## Interface

Audio	/
Alarm	/
SD Card Slot	/
RS485	/

<b>General</b>	
Housing	Metal , IP67
Anti-cut Bracket	NO YES
IR Cut Filter	YES
Operation Temperature	-20°C ~ +60°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
Power Source	DC12V±10%, 750mA DC12V±10%, 950mA
Dimension	φ93 x 74(H) mm 157(W) x 70(H) x 66(D)mm
Weight	400g 650g
<b>Model</b>	<b>NVRC421PK</b>
<b>System</b>	
Main Processor	ARM Cortex A7 Processor
Operating System	Embedded LINUX
<b>Video</b>	
Input	9CH (3840×2160, 2592×1944, 2048×1536, 1920×1080, 1280×960, 1280×720, etc)
Output	1 VGA, 1 HD
<b>Audio</b>	
Input	1 Port RCA
Output	1 Port RCA(Linear, 1kΩ)
Audio Bit Rate	64kbps
Audio Compression standard	G711u, G711a, ADPCM_DVI4
<b>Alarm</b>	
Sensor Input	4
Output	1
Motion Detection	9 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output
<b>Display</b>	
HD Output1	Resolution:4K (3840 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HD Output2	/
VGA	Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	16CHxD1/9CHxD1/8CHxD1/4CHxD1/1CHx1080P/1CHx3MP/1CHx4MP/1CHx5MP/1CHx4k
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
<b>Recording</b>	
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@8x25fps,5MP@9×25fp,4MP@9x25fp,3MP@9 ×25fp,1080P@9×25fp, 960P@9×25fp,720P@9×25fp, D1@9×25fp NTSC: 4K@8x30fps,5MP@9×30fp,4MP@9×30fp,3MP@9×30fp,1080P@9×30fp, 960P@9×30fp, 720P@9×30fp, D1@9×30fp
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Record Mode	Manual\Timer\Motion Detection\Smart Alarm
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## 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
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Decode Capability	4CH 1080P(1920x1080)@30fps
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Remote Sync Playback	YES
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Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Event Alarm,Tag search
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Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Full Screen, Frame Play ,Frame Rewind, Digital Zoom,tag,clip
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Backup Mode	USB Device/Network
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## Network

Interface	5 x RJ45 (10M/100M Adaptive Ethernet Interface)
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Incoming Bandwidth	80MB
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Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
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Onvif Version	Support Onvif 2.8
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Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
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CMS Software	Support Windows 7/ Windows 8/Windows 10/MAC OS
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Cloud Support(P2P)	Yes
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Smart Phone	iPhone, iPad, Android, Android Pad
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POE	4 x Independent 100Mbps POE Network Interfaces(Output PowerAT mode 30W, AF mode 15W per Interface), 45/78 line order, Total Power Output $\geq$ 50W, Support Plug and Play, Support network cable extended mode Max. 200M
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WIFI	/
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## Storage

Interface Type	1 SATA Hard Disk Interface (2.5"/3.5" SATA)
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Capacity	Up to 8TB capacity
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eSATA	/
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## General

Language	Traditional Chinese, Simplified Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese, Janpenes
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USB Interface	2 USB 2.0 Interfaces
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RS485	/
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Power Supply	DC 52V/1250mA $\leq$ 10W (Without Hard Disk and POE)
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Working Environment	-10~55℃/10~90%
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Dimension(W×D×H)	260*215*43(mm)
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Weight	2.0KG (without HDD)
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