



## ◆ SPECIFICATION

Model NO.	NVRC821PKM4KE200H	
<b>Package</b>		
NVR	1x NVRC821PK	
Camera	4 x IPSU20KE200 4x IPR25KE200	
Cable	8x 20m CAT5e Cable	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	No	
Adaptor	DC52V/2.5A	
Weight	12.8kg/SET	
Camera Model	IPSU20KE200	IPR25KE200
Image Sensor	1/2.9" Full HD CMOS Sensor	
Resolution	2MP 1080P	
Effective Pixels	1920(H)*1080(V)	
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI	
TV System	PAL/NTSC	
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/30-1/10000Sec	
Minimum Illumination	0.01Lux	
S/N Ratio	≥60dB	
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,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP,UDP	
ONVIF	Support ONVIF 2.4(Profile S/T/G)	
P2P	YES	
POE	Yes, Support IEEE 802.3af	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	2304*1296@20fps	
Main Stream 2	1920*1080@30fps	
Main Stream 3	1280*720@30fps	
Sub Stream 1	720*480@30fps	
Sub Stream 2	352*288@30fps	
Sub Stream 3		
Tri Stream	/	
IE Brower	IE8-11, Google Chrome, Firefox , Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	

## Camera Features

Day/Night	Color/ B&W (IR-CUT )	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, White Balance, FLK(Flicker Control)	
Starlight	/	
Corridor Pattern	Support	
Defog Mode	Support	
ROI	/	
BLC	YES	
HDR	/	
WDR	NO	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR	
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese	

## Interface

Audio	Optional	
Alarm	/	

SD Card Slot	/	
RS485	/	
<b>General</b>		
Housing	Metal , IP67	
Anti-cut Bracket	NO	YES
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ 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>NVRC821PK</b>	
<b>System</b>		
Main Processor	ARM Cortex A7 Processor	
Operating System	Embedded LINUX	
<b>Video</b>		
Input	16CH (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	16 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@8×25fp,5MP@16×25fp,4MP@16×25fp,3MP@16×25fp,1080P@16×25fp,960P@16×25fp,720P@16×25fp, D1@16×25fp NTSC: 4k@8×30fp,5MP@16×30fp,4MP@16×30fp,3MP@16×30fp,1080P@16×30fp,960P@16×30fp, 720P@16×30fp, D1@16×30fp
Record Mode	Manual\Timer\Motion Detection\ Alarm\Motion and Alarm\Smart Alarm

## 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
Decode Capability	4CH 1080P(1920x1080)@30fps
Remote Sync Playback	YES
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Event Alarm,Tag search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Full Screen, Frame Play ,Frame Rewind, Digital Zoom,tag,clip
Backup Mode	USB Device/Network

## Network

Interface	8 x RJ45 (10M/100M Adaptive Ethernet Interface)+1xRJ45 10M/100M/1000M Adaptive Ethernet Interface
Incoming Bandwidth	100MB
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
Onvif Version	Support Onvif 2.8
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/ Windows 8/Windows 10/MAC OS
Cloud Support(P2P)	Yes
Smart Phone	iPhone, iPad, Android, Android Pad
POE	8 x Independent 100Mbps POE Network Interfaces(Output PowerAT mode 30W, AF mode 15W per Interface), 45/78 line order, Total Power Output $\geq$ 100W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	/

## Storage

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

## 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,Japanese
USB Interface	2 USB 2.0 Interfaces
RS485	/
Power Supply	DC 52V/2500mA $\leq$ 10W (Without Hard Disk and POE)
Working Environment	-10~55℃ /10~90%
Dimension(W×D×H)	260*215*43(mm)
Weight	2.0KG (without HDD)

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