



◆ SPECIFICATION

| Model NO. | NVRC821PKM4FE800H | |
|-------------------------|---|------------|
| Package | | |
| NVR | 1x NVRC821PK | |
| Camera | 4 x IPSU20FE800 4 x IPR25FE800 | |
| Cable | 8x 20m CAT5e Cable | |
| Mouse | 1xUSB 2.0 Mouse | |
| Hard Disk | No | |
| Adaptor | DC52V/2.5A | |
| Weight | 10.8kg/SET | |
| Camera Model | IPSU20FE800 | IPR25FE800 |
| 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 | |
| Lens | | |
| Focus Length | 3.6mm | |
| Focus Control | Fixed | |

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| 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 | |

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| Privacy Masking | 3 Rectangular Zone | |
| Recording Mode | NVR | |
| Language | / | |
| Interface | | |
| Audio | / | |
| Alarm | / | |
| SD Card Slot | / | |
| RS485 | / | |
| General | | |
| 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 |
| Model | NVRC821PK | |
| System | | |
| Main Processor | ARM Cortex A7 Processor | |
| Operating System | Embedded LINUX | |
| Video | | |
| Input | 16CH (3840×2160, 2592×1944, 2048×1536, 1920×1080, 1280×960, 1280×720, etc) | |
| Output | 1 VGA, 1 HD | |
| Audio | | |
| Input | 1 Port RCA | |
| Output | 1 Port RCA(Linear, 1kΩ) | |
| Audio Bit Rate | 64kbps | |
| Audio Compression standard | G711u, G711a, ADPCM_DVI4 | |
| Alarm | | |
| 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 | |
| Display | | |

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| 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 |

Recording

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|-------------------|---|
| 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@16x25fp,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

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| 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

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|--------------------|---|
| 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 ≧ 100W, Support Plug and Play, Support network cable extended mode Max. 200M |
| WIFI | / |

Storage

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

General

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| 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 |
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| USB Interface | 2 USB 2.0 Interfaces |
| RS485 | / |
| Power Supply | DC 52V/2500mA ≤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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