

DH-KIT/NVR2104-P-S2/4-HFW1220S-S2

4 CH FHD 1080P Network Surveillance Security System



Features

- Support P2P, allowing easier home applications
- All channel synchronous real-time playback
- All cameras with 1080P real-time preview
- H.264 Dual-stream video compression
- HDMI/VGA simultaneous video output
- All channel 1080P real-time recording
- POE Power Over Ethernet
- Plug and play
- Support Easy4ip, QR code scan & add
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS) & Smart Phone(Easy4ip)

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Technical Specifications

Model	DH-KIT/NVR2104-P-S2/4-HFW1220S-S2
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Input	4 channel
Two-way Talk	1 channel Input,1 channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Recording	
Compression	Smart H.264+/H.264/MJPEG
Resolution	6Mp, 5Mp, 4Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.
Record Rate	Max 80Mbps
Bit Rate	48~8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection	
Trigger Events	Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
Video Detection	Motion Detection, MD Zones: 396(22×18), & Camera Blank
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, MD & Exact search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Network	
Ethernet	1RJ-45 port (10/100Mbps)
PoE	4 ports (IEEE802.3af)
Network Function	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search(Support Dahua IP camera, DVR, NVS and etc.)
Max User Access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	1 SATA III Port, up to 6TB capacity for each HDD
Auxiliary Interface	
USB	2 ports (2 Rear), USB2.0

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General		
Power Supply	DC48V/1.25A	
Power Consumption	<4W (without HDD)	
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa	
Camera		
Image Sensor	1/2.9" 2Megapixel progressive scan CMOS	
Effective Pixels	1920(H)x1080(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3(4)s ~1/100000s	
Min. Illumination	0. 1Lux/F2.0(Color), 0Lux/F2.0(IR on)	
S/N Ratio	More than 50dB	
Camera Features		
Max. IR LEDs Length	30m	
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC /HLC /DWDR	
White Balance	Auto/Manual	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
Lens		
Focal Length	3.6mm	
Max Aperture	F2.0	
Focus Control	Manual	
Angle of View	H: 83°	
Lens Type	Fixed lens	
Mount Type	Board-in Type	
Video		
Compression	H.264+/H.264	
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) /CIF(352×288/352×240)	
Frame Rate	Main Stream	1080P(1 ~ 25/30fps)
	Sub Stream	D1 (1 ~ 25/30fps)
Bit Rate	H.264: 5kbps~8192bps	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS	
Compatibility	ONVIF, CGI	
Max. User Access	20 users	
Smart Phone	iPhone, iPad, Android Phone	
General		
Power Supply	DC12V, PoE (802.3af)	
Power Consumption	<5.1W(IR on)	
Working Environment	-30°C~+60°C, Less than 95%RH	

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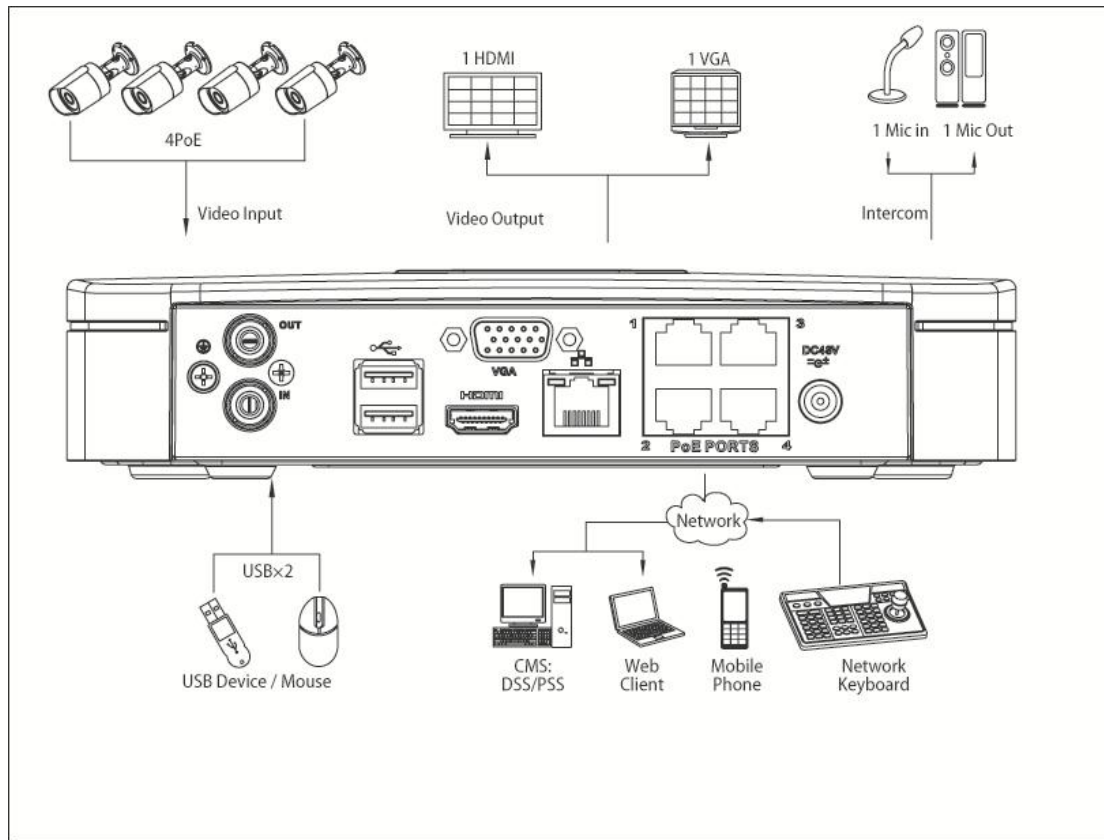
Ingress Protection	IP67
Carton	
Dimension(W×D×H)	387mm×222mm×332mm

PACKAGE:

- NVR2104-P-S2 *1
- IPC-HFW1220S-0360B-S2 *4

DH-KIT/NVR2104-P-S2/4-HFW1220S-S2

System Connection



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*Design and specifications are subject to change without notice.

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