

# DH-KIT/NVR4104HS-W-S2/2-HFW1120S-W-0360B/2-HDBW1120E-W-0360B

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## 4 CH 720P WiFi Network Surveillance Security System



### Features

- Easy installation, plug&play
- Support P2P, allowing easier home applications
- Support WPS, make easier connection
- H.264 dual-stream video compression
- HDMI/VGA simultaneous video output
- All channel 720P real-time recording
- Support 2.4GHz and 5GHz dual-bands
- Multiple network monitoring: web-browser, smart phone/tablet app

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## Technical Specifications

<b>Model</b>	<b>DH-KIT/NVR4104HS-W-S2/2-HFW1120S-W-0360B/2-HDBW1120E-W-0360B</b>
<b>System</b>	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
<b>Video &amp; Audio</b>	
IP Camera Input	4 channel
Two-way Talk	1 channel Input,1 channel Output, RCA
<b>Display</b>	
Interface	1 HDMI, 1 VGA
Resolution	1920 × 1080 , 1280 × 1024, 1280 × 720 ,1024 × 768
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Recording</b>	
Compression	H.264/MJPEG
Resolution	6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
Record Rate	80Mbps
Bit Rate	48Kbps ~ 8192Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD(Video detection: Motion Detection, Camera Blank, Video Loss), Alarm, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
<b>Video Detection</b>	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
<b>Playback &amp; Backup</b>	
Sync Playback	1/4
Search Mode	Time/Date, MD & Exact search (accurate to second), Smart search
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/Internal SATA burner
<b>Network</b>	
Ethernet	1RJ-45 port (10/100Mbps)
Wireless Network	Built-in Wifi module, 2 WiFi Antenna
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.)

## DH-KIT/NVR4104HS-W-S2/2-HFW1120S-W-0360B/2-HDBW1120E-W-0360B

Max User Access	128 users	
Smart Phone	iPhone, iPad, Android	
Interoperability	ONVIF 2.4, CGI Conformant	
<b>Storage</b>		
Internal HDD	1 SATA III Port, Up to 6TB capacity for each HDD	
<b>Auxiliary Interface</b>		
USB	2 USB Ports (1 Rear USB2.0, 1 Front USB2.0 )	
<b>General</b>		
Power Supply	DC12V/2A	
Power Consumption	NVR: 10W (without HDD)	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0 ~ 90% RH, 86 ~ 106kpa	
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH	
<b>Camera</b>	<b>IPC-HFW1120S-W-0360B</b>	<b>IPC-HDBW1120E-W-0360B</b>
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS	
Effective Pixels	1280(H)x960(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual 1/3(4)~ 1/100000s	
Min. Illumination	0. 1Lux/F2.0(Color), 0Lux/F2.0(IR on)	
S/N Ratio	More than 50dB	
<b>Camera Features</b>		
Max. IR LEDs Length	30m	
IR On/Off Control	Auto/ Manual	
IR LEDs	24	
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	
<b>Lens</b>		
Focal Length	3.6mm	
Max Aperture	F2.5	
Focus Control	Manual	
Angle of View	H:72°, V:53°	
Lens Type	Fixed lens	
Mount Type	Board-in Type	
<b>Video</b>		
Compression	H.264/H.264B/H.264H/MJPEG	
Resolution	1.3MP(1280×960)/720P(1280×720)/VGA(640×480)/QVGA(320×240)	
Frame Rate	Main Stream	1.3M (1 ~ 25/30fps)s)
	Sub Stream	VGA(1 ~ 25/30fps)

## DH-KIT/NVR4104HS-W-S2/2-HFW1120S-W-0360B/2-HDBW1120E-W-0360B

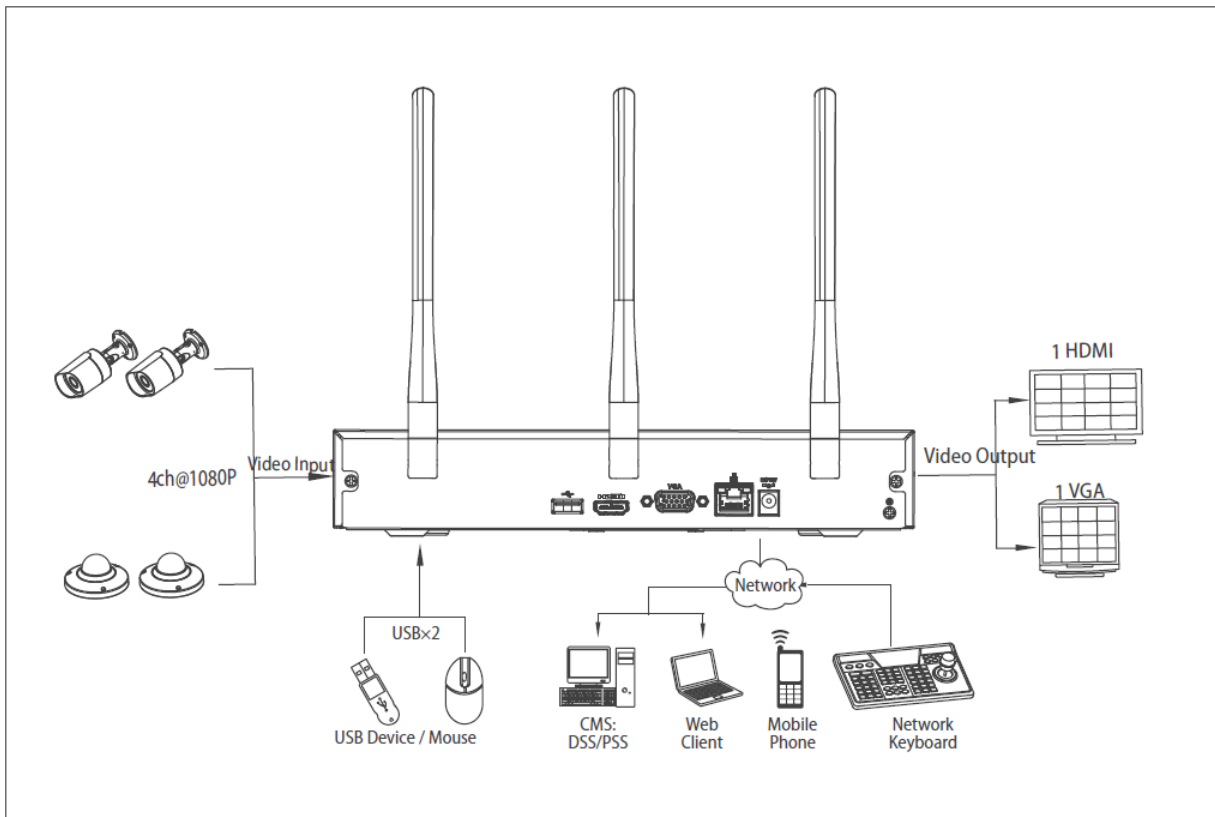
Bit Rate	H264:32K ~ 10Mbps	
<b>Network</b>		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP;NTP;Bonjour;802.1x;Multicast;ICMP;IGMP;	
Wi-Fi	Wi-Fi(IEEE802.11b/g/n),50m(open field)	
Compatibility	ONVIF, PSIA, CGI	
Max. User Access	20 users	
Smart Phone	iPhone, iPad, Android	
<b>General</b>		
Power Supply	DC12V	
Power Consumption	<3.9W(IR on)	
Operating Conditions	-10° C ~ +50° C (14° F ~ +122° F) / Less than 95% RH	
Storage Conditions	-10° C ~ +50° C (14° F ~ +122° F) / Less than 95% RH	
Ingress Protection	IP67	
Vandal Resistance	NA	IK10
<b>Carton</b>		
Dimension(W×D×H)	386*238*330mm	

### PACKAGE:

- NVR4104HS-W-S2 \*1
- IPC-HFW1120S-W-0360B \*2
- IPC-HDBW1120S-W-0360B \*2
- 12V/1A Power Adapter for Camera \*4

# DH-KIT/NVR4104HS-W-S2/2-HFW1120S-W-0360B/2-HDBW1120E-W-0360B

## System Connection



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\*Design and specifications are subject to change without notice.

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