

WiFi Security Camera System

NVR402-6T-DW-K



Overview

4+1 NVR Kit, The network camera provide a high-quality image with 2MP, 1/2.9"CMOS sensor with a 2.8mm fixed lens, The network video recorder (NVR) can record videos from up to 4 cameras and support up to 6TB for each HDD. Ideal for SMEs, small supermarkets, villas and factories.

Benefits

- Support IP Cameras with WiFi in Access
- Support Ultra 265/H.265/H.264 Video Formats
- Support 1-ch HDMI, 1-ch VGA
- Smart IR, Up to 30m (98ft) IR Distance
- IK10 Vandal Resistant, IP67 Protection
- Basic Detection Human Body Detection, Motion Detection

Technical Specification

Network Video Recorder

Network Video Recorder

Video / Audio Input	
IP Video Input	4-ch
Video / Audio Output	
HDMI Output	1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
VGA Output	1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
Recording Resolution	1080P/960P/720P/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Live View Display	1/4
Synchronous Playback	4-ch
Corridor Mode Screen	3/4
Network	
Incoming Bandwidth	40Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS
Decoding	
Decoding Format	Ultra 265/H.265/H.264
Capability	4 x 1080P@30
Live View/Playback	1080p/960p/720p/D1/2CIF/CIF
Hard Disk	
SATA Interface	1 SATA interface
Capacity	Up to 6TB for each HDD
General Alarm	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface

Technical Specification

Network Video Recorder

Network Video Recorder

External Interface

USB Interface

Rear panel: 2 x USB2.0

RS232

NA

RS485

NA

Alarm In

NA

Alarm Out

NA

Wi-Fi

Frequency

2.4GHz

Transmission Rate

150Mbps

Wireless Standards

IEEE 802.11b/g/n

General

Power Supply

12V DC

Power Consumption: ≤ 9 W(without HDD)

Working Environment

-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)

Dimensions (Hx Wx D)

205mm × 205mm × 47mm (8.1" × 8.1" × 1.9")

Weight (without HDD)

≤0.58Kg(1.28lb)

Warranty

2 Years

Certification

Certification

 UL
 CE
 FCC
 RoHS
 WEEE

Technical Specification

Network Cameras

Network Cameras

Camera						
Sensor		1/2.9", progressive scan , 2.0 megapixel, CMOS				
Min. Illumination		Colour: 0.01Lux (F2.0, AGC ON) 0 Lux with IR				
Day/Night		IR-cut filter with auto switch (ICR)				
Shutter		Auto/Manual, 1~1/100000 s				
Adjustment angle		Pan: 0°~352°, Tilt: 0°~70° , Rotate: 0°~350°				
S/N		>52dB				
WDR		DWDR				
Lens						
Lens Type		2.8mm @2.0, Fixed-focal				
Lens Mount		M12				
Angle of view(H)		101.1°				
Angle of View (V)		55.0°				
Angle of View (O)		111.0°				
DORI						
DORI Distance		Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
		2.8mm	45.0	18.0	9.0	4.5
Illuminator						
IR Range		Up to 30m (98 ft) IR range				
Wavelength		850nm				
IR On/Off Control		Auto/Manual				
Video						
Video Compression		Ultra 265, H.265, H.264, MJPEG				
H.264 code profile		Baseline profile, Main profile, High profile				
Frame Rate		Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate		128 Kbps~6 Mbps				
OSD		Up to 4 OSDs				
Privacy Mask		Up to 4 areas				
ROI		Up to 8 areas				
Motion Detection		Up to 4 areas				
Image						
White Balance		Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Image Setting		Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser				
Digital noise reduction		2D/3D DNR				

Technical Specification

Network Cameras

Network Camera

Image	
Smart IR	Supported
Flip	Normal/Vertical/Horizontal/180°
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Human body detection, Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API , SDK
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Guard viewer(app) Guard Station (PC)
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Wi-Fi	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20 MHz Support
Modulation Mode	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM/HT

Technical Specification

Network Cameras

Network Cameras

Wi-Fi	
Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17±1.5dBm @11Mbps 802.11g: 14±1.5dBm @54Mbps 802.11n: 12.5±1.5dBm @150Mbps
Receive Sensitivity	802.11b: -90dBm @11Mbps (Typical) 802.11g: -75dBm @54Mbps (Typical) 802.11n: -74dBm @150Mbps(Typical)
Transmission Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: up to 150Mbps
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Certification	
EMC	FCC: FCC Part 15
Safety	CE: EN 60950-1 UL: UL60950-1 IEC 60950-1
General	
Power	DC 12V±25% Power consumption: Max 4.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø109 x 83 mm (Ø4.29" x 3.3")
Weight	0.32 kg (0.71 lb)
Material	Metal + Plastic
Working Environment	-30°C ~ +60°C (-22°F ~ 140°F), Humidity:≤95% RH(non-condensing)
Storage Environment	-30°C ~ +60°C (-22°F ~ 140°F), Humidity:≤95% RH(non-condensing)
Surge Protection	4KV
Reset Button	Supported
Ingress Protection	Ingression protection: IP67 Vandal resistant: IK10

Ordering Information

ID	Description
#156590	NVR402-6T-DW-K, 2MP WiFi Security Camera System, 4PCS 2MP Dome IP Security Camera for Indoor/Outdoor, IP67/IK10, with Human Body Detect, Up to 6TB for each HDD, 1080P 4CH, H.265 NVR Kit



 <https://www.fs.com>



The information in this document is subject to change without notice. FS has made all efforts to ensure the accuracy of the information, but all information in this document does not constitute any kind of warranty.