























In your house, store, office or factory, you usually need to install 9-ch IP cameras. How to manage and control these cameras at one time and on one device?

SD card storage on camera has limited capacity, cloud storage and NAS are expensive, is there any high-capacity and affordable video storage solution?

It's time to have a NVR !!!





Role and main functions of the NVR

FOSCAM HD NVR FN3109H, it's designed for small and medium video surveillance systems. With easy setup and smart search function, you can connect up to 9-ch cameras in minutes.

On FN3109H, you can add, configure and control your 9 Foscam cameras just in one time and on one device, no need to enter their web page and setup one by one. FN3109H is powerful enough to play 4-ch recordings at the same time, and finally save your time.

FN3109H supports 3.5 inch hard disk up to 4TB. You can store around half a month 4-ch 30fps 1080P HD recording videos on only 4TB disk, you won't miss any moment and this will help you to check the intruder out. If you set to just record while alarming, you can store even more days.

Update firmware on our website and get more amazing function in near future.



Features

- 9 channels HD IP Camera access
- H.264 Main Profile video Compression
- Supports HDMI and VGA local display
- 4-ch Video Synchronous Playback
- Compatible with Foscam HD and MJPEG cameras
- Supports ONVIF protocol
- Supports USB External storage(flashdisk, HDD)



Backside Connector

- Power Switch
- Power Input
- (3) HDMI Output
- (4) VGA Output
- 5 10/100Mb Ethernet Port
- 6 USB 2.0 Port
- 7 Alarm In/Output



Specification





		Model	FN3109H
Capitable Paccating Pacc	Video Input		9-ch HD IP camera input
		100 ISS	Foscam H.264 / MJPEG IP Cameras and other brand ONVIF cameras supported
HOD Type HOD Type Capacity Up to 4TB Digital hard disk Retwork One 9ATA Interface for one 3.5 inch disk Retwork One 10/100 Mbps RJ45 port USB Two USB2.0 interface for mouse and external storage Wideo Output One DC power supply jack Button One power onloff button, and one reset button Alarm injout Achannel seenso inputs and 1 channel alarm out Control Method Method Switch Alarm injout Achannel 1080 or 4 channel 980P / 720P or 9 channel VGA display switch Method Video Pulyback Alarm injout Achannel 1080 or 4 channel 980P / 720P or 9 channel VGA display switch Switch PTZ Search Mouse Application Application Application Application Metocounts Operating User Accounts Operating Browser Microsoft Windows XP, 7, 8, 8.1, Mac OS Supply User account management Operating Supply Browser Supply Browser Supply Browser Supply Browser Supply Dimensionit AWXXII (0) Operating Environmental Femperature Temperature Temper	Video Output		1080P(1920 x 1080),960P(1280 x 960), 720P(1280 x 720), VGA(640 x 480), VGA(640 x 360), QVGA(320 x 240), QVGA(320 x 180)
HDD Type Another Capacity Up to 4TB Digital hard disk Network Doe 10/100 Mbps R.145 port USB Two USB2.0 interface for mouse and external storage Video Output Alarm in/out Alarm		HDMI Output	1-ch, resolution: 1920 × 1080 /60Hz, 1280 × 720 /60Hz,1440 × 900 /60Hz,1024 × 768 /60Hz
HDD Type Capacity Up to 4TB Digital hard disk Network Network USB2		VGA Output	1-ch, resolution: 1920 × 1080 /60Hz, 1280 × 720 /60Hz,1440 × 900 /60Hz,1024 × 768 /60Hz
Capacity Up to 4TB Digital hard disk	HDD	HDD Type	One SATA interface for one 3.5 inch disk
USB		Capacity	Up to 4TB Digital hard disk
External Interface Video Output One HDMI, and one VGA Power Input One DC power supply jack Button One power on/off button, and one reset button Alarm in/out 4 channels sensor inputs and 1 channel alarm out Control Method Mouse/internet Browser Display Switch 1 channel 1080 or 4 channel 960P / 720P or 9 channel VGA display switch Record Mode Manual /Time Scheduled/Alarm Triggered/Motion Detect Video Playback or 1 channel 1080 or 4 channel 960P / 720P synchronous video playback, Fast forward / Rewind / Slow Play PTZ Supports Pan/Tilt/Zoom control, Optical Zoom supportted Camera Search/Mana Search cameras in LAN, add camera, and manage a camera list gement Application support Disk Management Motion Disk Management Motion Alarm area and schedule settings User Accounts Operating System Browser Microsoft Windows XP, 7, 8, 8.1, Mac OS System Browser Microsoft IES and above version ,Firefox,Safari Power Supply Dimension(L 220 × 209 × 40mm (L x W x H) Net Weight 750g Physical and Environmental Environmental Environmental Environmental Temperature 20°C ~ 55°C (4°F ~ 131°F) Operating Humidity 20% ~ 85% non-condensing Humidity 20% ~ 85% non-condensing Humidity 5 torage Temperature 20°C ~ 60°C (4°F ~ 140°F) Storage Mc ~ 200°C ~ 60°C (4°F ~ 140°F)		Network	One 10/100 Mbps RJ45 port
Power Input One DC power supply jack		USB	Two USB2.0 interface for mouse and external storage
Button One DC power supply jack		Video Output	One HDMI, and one VGA
Alarm in/out 4 channels sensor inputs and 1 channel alarm out Control Method Mouse/Internet Browser		Power Input	One DC power supply jack
Control Method Display Switch Record Mode Video Playback PTZ Supports Pan/TiltiZoom control,Optical Zoom supportted Camera Search/Mana gement Application Support Disk Management Motion Detection User Accounts Operating System Prower Browser Supply Dimension(L XWXH) Physical and Environmental Env		Button	One power on/off button,and one reset button
Method Mouse/Internet Browser Display 1 channel 1080 or 4 channel 960P / 720P or 9 channel VGA display switch Switch Record Mode Manual /Time Scheduled/Alarm Triggered/Motion Detect Video Playback 1 channel 1080 or 4 channel 960P / 720P synchronous video playback ,Fast forward / Rewind / Slow Play P1Z Supports Pan/Tilt/Zoom control,Optical Zoom supportted Camera Search/Mana gement Remote configuration,video browse,local record,local and remote playback,Remote upgrade Application Application Support Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search cameras in LAN, add camera, and manage a camera list Search camera Search cameras in LAN, add camera, and manage a camera list Search camera Search cameras in LAN, add camera, and manage a camera list Search camera Search		Alarm in/out	4 channels sensor inputs and 1 channel alarm out
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Video Playback 1 channel 1080 or 4 channel 960P / 720P synchronous video playback ,Fast forward / Rewind / Slow Play			1 channel 1080 or 4 channel 960P / 720P or 9 channel VGA display switch
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Remote configuration, video browse, local record, local and remote playback, Remote upgrade Disk Management		Search/Mana	Search cameras in LAN, add camera, and manage a camera list
Management Motion Detection User Accounts Operating System Browser Microsoft IE8 and above version ,Firefox,Safari Power Supply Dimension(L xWxH) Net Weight (g) Operating Temperature Operating Humidity Storage Temperature Storage 0% ~ 90% pone-condensing Alarm area and schedule settings User account management Alarm area and schedule settings User account management Alarm area and schedule settings User accounts Alarm area and schedule settings Disease Accounts Alarm area and schedule settings User accounts Alarm area and schedule settings Disease Accounts Alarm area and schedule settings User accounts Accounts Alarm area and schedule settings User accounts Alarm area accounts Alarm area and schedule settings User accounts Alarm			Remote configuration,video browse,local record,local and remote playback,Remote upgrade
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Accounts Operating System Browser Microsoft Windows XP, 7, 8, 8.1, Mac OS Browser Microsoft IE8 and above version ,Firefox,Safari DC 12V/3.0A Dimension(L xWxH) Net Weight (g) Operating Temperature Operating Humidity Storage Temperature Storage O% ~ 90% pon-contensing Description Discription Microsoft Windows XP, 7, 8, 8.1, Mac OS System Microsoft Windows XP, 7, 8, 8.1, Mac OS System Microsoft Windows XP, 7, 8, 8.1, Mac OS System Microsoft IE8 and above version ,Firefox,Safari DC 12V/3.0A DC 12V/3.0A DC 12V/3.0A Do C 12V/3.0A Do C 12V/3.0A Do C 12V/3.0A Do C 200 × 200 × 40mm (L x W x H) Net Weight (g) Operating Humidity Temperature Do C ~ 55°C (-4°F ~ 131°F) Operating Humidity Storage Temperature Storage O% ~ 90% pon-contensing			Alarm area and schedule settings
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Power Supply Dimension(L xWxH) Net Weight (g) Operating Temperature Operating Humidity Storage Temperature Storage 100 C ~ 20°C ~ 60°C (-4°F ~ 140°F) Storage 100 C ~ 20°C ~ 60°C (-4°F ~ 140°F) Storage 100 C ~ 20°C ~ 60°C (-4°F ~ 140°F)			Microsoft Windows XP, 7, 8, 8.1, Mac OS
Supply DC 12V/3.0A		-	Microsoft IE8 and above version ,Firefox,Safari
Physical and Environmental Ph		Supply	DC 12V/3.0A
Physical and Environmental Operating Temperature Operating Humidity Storage Temperature Storage 10° C ~ 60° C (-4° F ~ 131° F) 20% ~ 85% non-condensing 20% ~ 85% non-condensing 20% ~ 85% non-condensing 20% ~ 85% non-condensing			220 × 209 × 40mm (L x W x H)
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Humidity Storage Temperature Storage 10% ~ 80% non-condensing -20°C ~ 60°C (-4°F ~ 140°F) Storage 10% ~ 90% non-condensing		Temperature	-20°C ~ 55°C (-4°F ~ 131°F)
Temperature Storage 0% ~ 90% non-condensing			20% ~ 85% non-condensing
		Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
			0% ~ 90% non-condensing



Application Diagram



Package Contents

- √ NVR FN3109H
- Power Adapter
- **✓** USB Mouse
- **▼** Ethernet Cable
- ✓ Warranty Card

- ✓ Cable for Hard Disk
- ✓ Antistatic Gloves
 - Quick Installation Guide
- Resource CD