

4K PoE Security System Installation Instructions



www.jennov.com support@jennov.com

Contents

1.Foreword	• 1
2.Precautions for safe use	1
3.About NVR	2
4.Confirmation before installation	2-3
5.Connection between camera and NVR	3
6.Video recorder networking settings	4-5
7.View image on mobile phone 5	-9
8.View image on the computer 10-	-12
9.Video settings 12	-14
10.Video playback	15
11.Video backup 15	-16
12.Email alarm notification settings 16	-18
13.Frequently asked questions 18-	-24

1.Foreword

First of all, thank you for purchasing JENNOV products. This brochure provides installation guidance for users. It mainly describes the setting and use of the camera. If you have any questions about the use of the camera, please contact us at the Amazon store consultation window.

2.Precautions For Safe Use

Incorrect use will lead to electric shock and fire. Please refer to the instructions to use the product for safety.

Please do not place containers containing liquids such as polyethylene on the product.

Please install the product in a stable place, not in an unstable place. Please avoid product falling or shaking.

Do not put things on the product power supply and power cord.

Do not connect our products to other power supply. A short circuit caused by a voltage problem may cause a fire or electric shock.

For better heat dissipation, please do not place the product in a narrow place. After receiving the product, please unplug the product plug from the socket. Do not wipe our products with wet cloth, liquid cleaner or spray cleaner.

FCC Statement

This equipment complies with the specifications in part 15 of the FCC rules. The specific operation follows the following 2 conditions. The operating equipment must meet the following two conditions: (1) the equipment will not cause harmful interference; (2)The equipment can withstand any external interference, including interference that may lead to unexpected operation.

LVD/EMC Directive

CE This product is suitable for European Low voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

The WEEE Directive 2012/19/EU

The equipment recorded in this brochure complies with the Waste Electrical and Electronic Equipment (WEEE) directive, and it is necessary to be responsible for discarding it.

Battery Directive 2013/56/EC

The battery of this product complies with 2013/56/EC guidelines. Please dispose of the battery at the designated recycling place for recycling.

3.About NVR (Network Video Recorder)





- 1 Power indicator
- Network indicator
- 3 HDD recording indicator
- 4 POE network port
- (5) Wan/Lan port: the port for NVR networking
- 6 USB port: the port for connecting the mouse or USB flash drive to an external hard disk
- 7 Audio output

8 HDMI port: Use HDMI cable to connect the video recorder and display screen, and the pictures can be viewed on the screen
9 VGA port: Use VGA cable to connect the video recorder and display screen, and the pictures can be viewed on the screen
10 Power socket

4. Confirmation Before Installation

1 List Confirmation

After receiving the product, confirm according to the package list at the time of purchase. If there is a situation that the accessories are not issued or the product is defective, please contact our after-sales window.

② Confirmation before installation

As it is a wired set, the camera needs to be wired. In order to save customers' time and confirm that all cameras work normally, it is recommended to test all machines in the same place before installation. Please test according to the following figure and install after all machines are confirmed.

5.Connection Between Camera And NVR

Connect the POE camera system according to the following figure.



1. Connect the NVR to the display screen or TV through the HDMI port or VGA port of the NVR.

- 2. Connect the USB mouse to the NVR USB port
- 3. Use an ethernet cable to connect the WAN/LAN port to the router.
- 4. Use the matching ethernet cable to connect the camera to the NVR.

5. Connect the DC48V power supply to the NVR and plug the power supply into the socket.

Tip ① 8ch NVR is DC48V power output. Connect the NVR power supply and then plug it into the socket.

Tip ② DC48V power supply is a special power supply for 8CH NVR. Please do not use it for the camera. Note: the power output of the 16-channel video recorder is different.

6. After NVR is connected to the power supply, it can be used after waiting for a moment.

Tip ① The POE port on the NVR can only be used to connect to the camera. Do not connect to other machines. There may be a safety hazard for the machine you use. Tip ② It is recommended to use network cable cat5/cat6 or above for POE network communication.

7.Password settings

In order to protect the privacy of customers, please set the password as soon as possible.

Right click and click [login] to see the main menu.

Default ID: admin

Password: 123456



Default Password	
Username: admin	
Password: 123456	

6.Video recorder networking settings

This product can be set locally even if it is not connected to the network. However, the device can be operated remotely through mobile phone or computer if it is connected to the network.

After connecting the NVR to the installation router using an ethernet cable, check the network status.

Step 1. Right click, Main Menu-Network-Basic-select TCP/IP and confirm whether DHCP is enabled.

		Network	
	TCP/IP P2P DDNS Email		
لحا Camera	Select NIC		
On Savet	IPv4 Address		
Fen Staren	IPv4 Default Gateway	206 . 7 . 0 . 1	
۲			
Network			
63			
System	Alternate DNS Server		
D Backup			
Storage			

Step 2. Right click, Main Menu-Network-Basic-select P2P, and you can see [Register Code] and [Device Status].



7. View image on mobile phone.

① Watch with mobile APP

Step 1. Download APP

----Search [Guard Viewer]on Google Play or Apple Store and download it.

----Or scan the QR code below to download.



Step 2. Return to the mobile phone interface. Open Guard Viewer and select [Sign up] to log in to the account.

Step 3. Enter the phone number or email address, click[Verify].

Step 4. Then enter the mobile phone number or the verification code received by the email and click [Next].

2:39 🕈						11 4G 💽
< Login	<	Sign Up			Sign Up	
				A code	has been sent to yo	ur email.
	Enter the password		Sect	2	939639159@qq.cor	n
	6-20 characters, includ symbols and cannot on	ding letters(a-z, A-Z), dig nly be letters, digits or sy	gits(0-9) and mbols.	Enter the verify	code.	Verify
유 Username/Email		Sign Up			Next	
B Password						
Login						
	Enter the password		Done			
Sign Up Forgot I				Enter the verify co	de.	Done
				1	2	3 Def
				4 өні	5 JKL	6 MNO
				7 PORS	8 TUV	9 wxyz
					0	\otimes
	_					-

Step 5. Set the password of the account and select [Sign up] to log in to the account.

		11 4G 🔳
	Sign Up	
Enter the pass	word	Spel
6-20 characters, symbols and can	, including letters(a-z, A- not only be letters, digits	Z), digits(0-9) and or symbols.
	Sign Up	
Enter the passwo	ord	Done

Step 6. Select the 😑 Settings button in the upper left and select [Devices].



Step 7. Select [Add] and scan the QR code on the display screen connected to the NVR system (right click the Main Menu - Network - Basic - select P2P to see the QR code).



7



Step 8. Enter the device name and click Save 📳 in the upper right corner.

<	P2P	
Name	My Devices	
Register Code	FTPDKWR05SF5Z	M3RZ2LDLOEKU
Streaming Media Pro	Default	>
Live View	Auto	>
Playback	Low	>
	Start Live Vi	ew

Step 9. Save the setting and wait 1 minute. Select [Live View], you can confirm the real-time picture.



Step 10. Select [Playback] at the bottom of the screen to play back the video.





8. View image on the computer.

The screen can be viewed on the computer client

Install [Guard Station 3.0] on your computer from the link below.

Log in to [Guard Station 3.0] with the account and password of the mobile APP, and the devices added to the APP will be automatically updated to the [Guard Station 3.0] client on the computer.

Step 1: Open [Guard Station 3.0] and login.

User name: admin

Password: 123456



Step 2. Click [Device Management] from [Control Panel] to add device. Select [Cloud Device] to log in to the account of mobile APP. Log in with the account and password of the mobile APP. Computer and mobile APP can use the same account and password.Tip: For customers who do not have an account, please click [Apply for a new account] to register.



A H		Guard Station 3.0 Video Management Software	# A 🞯 - 🗆 ×
Menu			
Device Grov	9		
Encoding Device			
Decoding Device	Login	Begister	
Cloud Device			
Access Control Device			
BH Network Keyboard			
		Userame	
		Auto Login	
		Lopa	
			ataia
			add to

Step 3: Click [Live View] from the [Control Panel] to confirm the real-time screen.



Manu			Guard Station 3.0 Video	Management Software		#80°-□×
Mella		rol Panel	Live View(1)			
Thur Leverds	^		R		Ċ	
		m. F2 F				
A 6 0	B,					adain

9. Video settings

Right click the display connected to the NVR, Main Menu - Storage - Recording, and you can set video.

a)Normal video mode :(24 hours *7 days [normal] time video + [motion] detection video). Default video mode. The video recorder supports normal time video. Confirm the video on the live screen, you can see the motion detection shown in Yellow. In this mode, no moment of crime will be missed.

						Stora	ge								
	Recording	Schedule													
\odot															
			0 2	4	6	8 10	12	14	16	18	20	22	24	Edit Normal	
								==	_		_	_		Event	
														Motion	
		Sat												Alarm	
														M and A	
				4	-	. 10	12	14	16	1.0	20	12		M or A	
Backup Storage					6 hen draw	8 10 the sched									

b) Motion detection video mode

Motion detection video is only recorded when a moving object is detected. 1.Click [Motion] on the right. The time period to be recorded can be set by left clicking and pulling with the mouse.



2.Click [Copy] at the bottom left of the screen, select [All], and click [OK] to copy the channel settings to all cameras.

Camera Camera VEA Starch WEA Starch Allocate Space VEA Starch Network System Backup	e Select Camera Denable Schedule Pre-Record(sec) 01 02 08	D1(123145) 10 2 003	v v ppy D4 D5	Post-Record(sec)		∼ fit mai
Comera Hard Disk Constant VCA Search Network Network	Select Camera	D1(123145) 10 2 003 0	✓ >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Post-Record(sec)		∼ Ht mal
CK Search Network System Backup	Pre-Record(sec)	10 C	v ppy D4 □D5	Post-Record(sec)		fit mal
VCA Search Advance Metwork System Brokup	01 02 08	c 2 03 0	D4 D5	0.6 0.07		Jit mal 11
Network	01 02 08	2 003 0	D4 🗆 D5	06 007		mal
Kundak Gos System Backup						
System						
▶ Backup						
					ĸ	
Storage						
Alarm				OK		
R Maintain						

Motion detection settings

1. Right click on the screen, Main Menu- Alarm - select Motion

2. Select the camera to be set, click [Clear All], left click, long press and drag, and select the area to set motion detection.

3. Click [Apply] to save the changes.



C) Specified time video mode

- 1. Click [Edit] on the right of the screen
- 2. Click [Week Selection]
- 3. Cancel [All Day].

4. Manually set the time range and select the video mode based on the time range. For example, [0:00-8:00 motion detection video], [8:00-18:00 regular time video], and [18:00-23:59 motion detection video], you can set them according to the following figure.

3.Click [OK] to save the changes.

					Storage					
	Recording	Schedule								
		Select Came	ra D							
					Menday	*				
		All Day				Normal	× .			
		00 0 0	0 0 24 0			Normal	~			
							·			
							~			
							-			
							<u> </u>			
Backup										
_										
\square										
Storage				n ⊡Tu	e □Wed □Thu					
						OK Cancel				
S.										

10. Video playback

1. Right click on the display screen and select [Playback].

2. Click the camera and time in the upper left corner of the screen and select the channel and date you want to play back.

3. Click the Playback button.



11. Video backup

Note: when playing back the video backed up from the video recorder on the computer, please use the [PotPlayer] player on the window, and use the [VLC] player for Mac.

About NVR backup

1.Insert the USB flash drive into the USB port of the NVR. Right click the display screen, [Main Menu] - [Backup], select the camera and date, and click [Search].

				васки	p			
	Recording							
\odot								
VCA Search								
					2021-07-05 00:00:0			
					2021-07-05 23:59:5			
D Backup								

2.Next, a window will appear. Click [Backup] to continue.



3. Select USB flash drive and folder. Click [Backup] to back up the video files.

	Bac	kup		í l	ľ
Partition Location	USB-sda1				
			Modify Time	Delete	
🛅 Previous Level			2021-07-05 14:41:55		
🚞 backup			2021-07-05 14:42:24	n	
Free	14596MB				
Total	14661MB				
New Folder		Format	Backup	Cancel	

12. Email alarm notification settings

Confirm whether the network is connected normally after NVR and router are connected.

Use gmail address to set email alarm in the following order.

Step 1: Log in to the google account, click [Google Login], turn off [Two-time Verification] and enable [Allow Low-security APP].

Step 2: Enable the alarm function and email alarm function.

[Alarm] - [Motion Detection] - select the channel to enable email alarm in [Select Camera].

Click [Trigger Action] and check the box before [Send Email]. Finally, click OK.



			Network	
	Basic	TCP/IP P2P DDNS Email		
	Advanced	Enable Server Authentic		
			@gmail.com	
\odot				
		SMTP Server	smtp.gmail.com	
-			465	
\oplus		Enable TLS/SSL (If TLS/	SSL is enabled, use 25 first, and 587/465 as a	
ŝ			@gmail.com	
System			Recipient 1 ~	
			@gmail.com	
Backup				
Storage				
<u>/</u> Alarm				
		Test	Exit	

Tip: Enable the email alarm function of the selected camera. After the setting is complete, select other cameras and use the same method to enable the email alarm of other cameras.

Step 3: Email alarm notification

On the display connected to NVR, right click [Main Menu - Network - Basic -Enter Email], enter the email of sender and recipient, and click [Apply]. Click [Test] to confirm whether the email alarm is set successfully. (If there is any problem with the SMTP settings in the email, please confirm with the email service provider)

		Network
لي Camera		
~		
\odot		
VCA Search		
-		
Œ		
Network		
<u>{</u>		@gmail.com
System		
বি		@gmail.com
Backup		
Storage		
Alarm		
Naintain		
	lest Apply	y Exit

1. Steps for Gmail to obtain 16-bit password Please login your Gmail account, and click Security, and turn on2-step Verification.

Chrome File Edit View Hi	istory Bookmarks People Tab Window	Help 🖪 🧖 🚳	💵 🖪 🔅 🛜 59% 🗊 Sat 9 Jan 11:35 Q 🔕 :
🛢 😑 🕒 New Tab	x G Language	Google Account × +	
← → C △	ogle.com/security		x 🔅 😵
Google Account Q	Search Google Account		0 11 🗸
Home	Review security events		
Personal info			
Data & personalization	Signing in to Google		
Security			
Reople & sharing			* *
Payments & subscriptions	Password	Last changed Oct 20, 2017	>
(i) About	Use your phone to sign in	off	>
	2-Step Verification	O Off	>
	Ways we can verify it's y These can be used to make sure it's If there's suspicious activity in your a	rou really you signing in or to reach you	
	Recovery phone	Add a mobile phone number	>
	Recovery email	an entropy on	>
Privacy Terms Help About			

2.Then a new page will appear , click " STARTED".



3.Input your Gmail account password again to login and click "Next".

🕐 sha	@gmail.com v
To continue, first verify it's y	rou
Enter your password	
Show password	
Forgot password?	Next

4.In order to protect your account security, you will need to verify your mobile phone. Input your phone number and choose the verification way, Text message or Phone call , finally click "Next"



5. Then enter the verification codes you obtained , and click "Next".



6.After verified your identification , you can enable the 2-step Verification by clicking "TURN ON".



7.After enabled the "2-Step Verification" function, return back to home page of your Gmaill.



8. Choose "Security" and click "APP password" to enter next page.

Chrome File Edit View Hisb	ory Bookmarks People Tab Window Help	4	📽 🖬 🔯 🕂 🖓 SSN 🖬 🖸	Sat 9 Jan 11:43 Q
🖲 🔍 New Tab	X & Language X & 2-Step Verification	X G Google Account	× +	
← → C △	e.com/security			* * 🛛
Google Account Q S	earch Google Account			0 🖩 💟
Home	Review security events			
Personal info Data 6 personalization	Signing in to Google			
B Security) **1	
People 6 sharing Payments 6 subscriptions	Password	Last changed Oct 20, 2017	>	
About	2-Step Verification	💿 01	>	
	App passwords	None	, Jun	
	Ways we can verify it's you These can be used to make sure it's really you signing i If there's suspicious activity in your account	n or to reach you		
	Recovery phone	Add a mobile phone number	>	
	Recovery email		>	

9.Enter your Gmail password to login , and click "Next".

G	oogle
н	1 Maile
🕑 silan inaa	⊚gmail.com ∽
To continue, first verify it's	you
Enter your password	
Show password	
Forgot password?	Next

10. Choose the corresponding device you login the Gmail account to receive the 16-bit passwordand, and click "GENERA"

App passwords let Verification. You'll o	you sign in to your Google Ac only need to enter it once so y	count from apps on devices that don't support 2-S ou don't need to remember it. Learn more
You don't have	any app passwords.	
	and the base of the second sec	
Select the app	and device you want to gener	ate the app password for.
Select the app	and device you want to gener	ate the app password for.

12. Finally you will obtain the 16-bit password , then enter the password into NVR E-mail settings.

Your app password for iPhone		_				
		General Setup Reco	ord Setup	Network Setup	Channel Setu	p System Admin
fulv wlof xvwf gzhi	Network Setup	E-Mail Function	_ ✓ Enable			
How to use it	DDNS	SMTP Provider	gma i l			More Parameter
1 Open "Settings" on your iPhone		Sender				Test
2. Select "Mail, Contacts, Calendars".	E-Mail	Password	vpbq d	ibld fvpz jbm:	S	Display
3. Select your Google Account from the list		SMTP Server	smtp.gma	ail.com		
of available accounts.	Wireless Setup	Port Encruption Type	25			
replace your password with the 16-	PPPOE	Sendee 1	None	×		Ouick Satur
character password shown above.		Sendee 2				Quick Setup
Just like your normal password, this app	Wireless Internet	Subject	NVR Repo	ort		
password grants complete access to your		Interval	30			Second
Google Account. You won't need to remember		Health Mail Enable				
it, so don't write it down or share it with		Health Mail Interval	30			Minute
Learn more						
DONE				Reset Aj	pply	Ok Cancel

13. Frequently asked questions

Q1. Please tell me the confirmation method of device ID and NAT. A: [Main Menu] - [Network] - [Basic] - [P2P] to check the device status. If [Online] is displayed, it means the NVR is connected to the network normally. In addition, the QR code of the device ID can be obtained from here.(picture is not online).

		Network	
	Basic		
		Enable P2P	
\bigcirc		Register Code 012345678901234	
VCA Search		Device Status Offline: Network disconnected. The device cannot be added via QR code. Please check network settings such as DN	is
Metwork		Add Without Signup Add Without Signup: No account is needed, you can scan the QR code with the APP to add the NVR. This requires you to enable P2P and set a strong admin password first.	
₹Ô} System		Scan the QR code with the app to add the device.	
D Backup			
Storage			
<u>A</u> larm			
Naintain			*

Q2. What should I do if the hard disk is not recognized?

A: First, make sure that the NVR you are using has a built-in hard disk. From the Main Menu - Storage - Hard Disk, you can confirm the status of the hard disk. From the status [Normal] or not, you can confirm the status of the hard disk.

						Storage					
		Hard Di	sk								
Camera			No.			Status				Configure	
	Hard Disk			931.51	925.50	Normal	Local	Recording/Snapshot	Read/Write	Ø	
\odot											
VCA Search								k			
Network	Advanced										
HELHOIX											
کې System											
D Backup											
Storage											
			Current Stor	age Policy:Overwrit	e; Ketention(day):						
<u>A</u> larm											
Naintain											
			Refresh	Format	Exit						

1. Open the cover of NVR

2. Confirm whether the hard disk wiring and SATA cable are connected normally. After unplugging the hard disk from the NVR, confirm whether the wiring inside is normally connected with the NVR.

3. Connect the hard disk to the NVR again, plug in power supply. Keep your ear close to the hard disk to confirm whether you can hear the sound of hard disk startup. After an hour, touch the hard disk with your hand to see if the temperature of the hard disk has increased. If no sound is heard and the surface temperature of the hard disk does not rise, you can consider that the power cord of the hard disk is not connected.

4. Confirm the power supply of NVR. Failure of NVR power supply or insufficient power supply will also cause the hard disk to not work.

5. If all the above methods fail to identify the hard disk, please contact us.

Q3. What if you forget your password?

A: Click [Forgot Password] to send the serial number to the email address that supports receiving.

Login
admin ~

Remember Password
Login 📐
Forgot Password
Unlock Pattern

Set Retrieve Mode			
Email			
Please enter your email address used to reset password.			
		Next	Cancel

Warranty Tips

Please fill in the following information or scan QR code to activate the free 12-month warranty from the order date on.

After finish filling or scanning, please take a picture and send it to the email(support@jennov.com).

Then your free warranty will take effect !

During the warranty period, if any parts of product are damaged, please contact us immediately and we will provide satisfactory resolution.

Order Date:	
Order Number/ID:	
Buyer E-mail:	
Buyer Tel:	

Contact us

- www.jennov.com
- ☑ support@jennov.com
- © U.S Hotline: +1 3239021978



Free Warranty