

W4 Pro Wireless Security Camera System Quick Start Guide

Thanks for your purchase at ZOSI.

This quick start guide will guide you through the initial installation and related settings. In addition to following this guide, please visit (https://zositech.com/) for more installation videos, tips and detailed information.

If you have any problems about our products, please visit our online support center (https://www.zositech.com/support-center/) or contact us before returning.

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NOTE: There are 4pcs cameras kit and 8pcs cameras kit. The amount of cameras, 12V/1A camera power adapters, mounting templates, mounting screw bags and warning stickers will be the same as the camera kit you purchase. For waterproof lid, there is 1pc for the 4-camera kit and 2pcs for the 8-camera kit.



2.1 Network Video Recorder

- ① VGA port: connect monitor with VGA port to NVR via VGA cable
- 2 HDMI port: connect monitor with HDMI port to NVR via HDMI cable
- ③ Backup USB port: insert USB drive for backup or system upgrade
- ④ Ethernet port: connect router or switch to NVR via Ethernet cable
- (5) Mouse USB port: connect to mouse
- 6 Power port: connect to power supply
- ⑦ Audio port: audio signal output
- (8) Antenna: transmit wireless signal



NOTE: NVR with hard drive support 24/7 recording.

1 Lens

③ IR-I FDs

6 Speaker

(7) Antenna

(4) CDS

60

8 Warning light

(5) Microphone

2.2 Camera

- 1) Lens: capture image and video
- Spotlights: illumination and light alarm

 ③ IR-LEDs: provide night vision in dark environment
 ② Spotlights*

- (4) CDS: day and night auto switch
- (5) Microphone: for voice intercom
- 6 Speaker: for voice intercom and voice alarm
- ⑦ Antenna: transmit wireless signal
- ③ Warning light: It lights up when the camera is turned on. The warning light alarm can be turned off on Siren-Light Alarm NVR interface.

03 How the System Works

The wireless NVR system consists of two parts. One is the NVR connected to the monitor, and the other is the IP cameras installed. Both NVR and IPC need independent power supply to work. Users can watch the real-time video captured by each IPC on the monitor. These images will also be saved in NVR for later playback at any time.



04 How to Connect the System

To ensure that the product can work normally, we recommend that you connect the whole system before installation to see if there is any damage during transportation. How to connect the system:

- 1. Connect NVR to router using a network cable.
- 2. Connect monitor to NVR via HDMI or VGA port(VGA cable is not included).
- 3. Connect the included USB mouse to the top USB port of NVR.
- 4. Connect NVR to power supply (12V power adapter)

5. After the system starts, connect camera to the system (maximum support 8 channels).

6. The monitor will display live video of the camera.



05 Camera Installation Steps

- 1. Adjust the camera antenna to keep it vertical to get the best reception.
- 2. Drill screw holes on the wall according to the mounting hole template, and insert the rubber plugs into the holes.
- 3. Align the camera with the rubber plugs on the wall, and screw it into the rubber plugs.
- 4. Adjust the camera to a proper angle.



1. Mount the antenna



4. Adjust the angle



2. Insert wall plugs into the holes



3. Install the camera

06 Installation Tips

Please refer to the picture down below for the ideal installation.

It is recommended to place the camera at least 7 feet (2.1m) above the ground and tilted slightly downward towards the monitoring area, excluding any high-traffic areas. (E.g. sidewalks or roadways).

- 1. Ensure that the camera's view is open and free of obstructions.
- 2. Place the camera at no more than 20 feet (6.1m) to ensure that the area you want to monitor is within the field of view.
- 3. Install the camera within the receiving range of the recorder (refer to the camera specifications).
- 4. The camera can be used outdoors (protection rating IP66).





07 Hard Disk Installation

This product has a built-in hard drive. If you need to replace it, please choose a 3.5-inch hard drive with a thickness of no more than 2cm.

NOTE: Please ignore it if you do not need to replace the hard disk for your video recorder.

- 1. Power off the video recorder and remove the sliding cover.
- 2. Insert the hard disk into the NVR, as shown in the figure.
- 3. Flip the NVR to the back and use a Phillips screwdriver to fix the hard disk.
- 4. Close the sliding cover of the NVR.

You need to format the hard drive before recording. Right click mouse > Main Menu > Hard Disk Management > select Hard Disk > Format > Apply.



08 Remote View Settings (App)



Zosi Smart



App (IOS/Android)



App video operation link

09 Remote View Settings (AVSS Client)

AVSS PC client can be applied to DVR/NVR/IPC monitoring, with functions such as live view, device management, and remote video playback etc..

Make sure that the device has completed the network configuration before adding device on PC client. Download and install the AVSS client, follow the steps below to start setup. Official Download: https://www.zositech.com/app/.

9.1 Login

Install and open AVSS PC client, select the language and click Login. Please register an account first if you don't have one. It is recommended to log in with the account of ZOSI Smart App, or choose local login (no account and password is required)

English	
Q x00000000000	
÷	יל
ocal Login	Forget Passwor
	Remember Passwo

9.2 Register

	× DSI nade easy.
English	•
	•
• •••••	> ,,, <
Local Login	Forget Password?
	Remember Password
Lo	gin
No accou	unt yet? Register immediately.

1. Click Register Now to enter the registration page

Account	enter your email	
Auth code	enter auth code	iet Code
Password	6-16 password	>
Confirm	confirm password	>
	Agree Terms of Service and Pr Did not receive the vertic	- C

2. Enter the unregistered account and password to sign in

9.3 Device Management

9.3.1 Click Add Device below the device list to add device information

Select device type: NVR/DVR/IPC, etc., enter the device name, device ID or instant identifier ID (Drag the device QR code or sharing code into the QR Code Identification Zone), user name, device password and channel amount, and then click Confirm to save the setup. NOTE: The default user name is "admin", the default password of IPC is "admin", NVR/DVR does not need to enter a password, the number of camera channels should be the number of cameras, the default is 1.

Device Management			×
+ Add Device	Device Info		QR Code
Edit Device	Device Type:	IPC V	Identification Zone
Device Config	Device Name:	TZWC8	
	Device ID:	TZWC83AH8MV18MV1111A	
Q Search Device	Channel No.:	1	
	Device Login User Name: Password:	admin	
			Save Cancel

9.3.2 Edit Device

Modify the device type, device name, device ID, channel number, login user name and password, and save the modification.

Device Management			X
(+) Add Device	Device Info		
Edit Device	Device Type:	IPC	~
See Device Config	Device Name:	198LY4	
	Device ID:	198LY4JUKUEF1M29C111A	
Q Search Device	Channel No.:	1	
	Device Login		
	User Name:	admin	
	Password:	*****	m
			Delete Save Cancel

9.3.3 Device Configuration

Get to the device configuration.

1. Modify the login password of the device

Device Management	Device Info		QRCode to Config WiFi
Add Device Edit Device		ER9WDJUKUEF1M29C111A	
Device Config	Device Type: System Info:	0012	
Q Search Device	Device Password Old Password:		「周辺」
	New Password:		
	Confirm:	Submit Cancel	
	Smart Detection		
	Sensitivity:	Medium V	

2. Set up smart detection, WiFi

Device Management			×
Device Management Add Device	Device Type: System Info: Smart Detection Sensitivity: Mode: –WIFI Config	ESSYNDJUKUEF1M29C111A C612 Medium Motion Detection Submit Cancel IPC-CS2	
		Submit Cancel	

3. Date and time

Device Management	×
(+) Add Device	Device Info QRCode to Config WiFi Nickname: ER9WDJ
Edit Device	Device UID: ER9WDJUKUEF1M29C111A Device Type: C612
Device Config	System Info:
Q Search Device	Submit Cancel
	-Time Config Time Zone: Asia/Shanghai Date: 2021 ○ - 1 ○ - 13 ○ Time: 16 ○ : 50 ○ : 059 ○
	Time: 16 🗘 : 50 🗘 : 059 🗘

4. Mirror mode and recording mode

Device Management			×
Add Device Edit Device Device Config	Device Info Nickname: Device UID: Device Type: System Info:	ER9WDJUKUEF1M29C111A	_QRCode to Config WiFi
Q Search Device	_Rotate Mode Mode:	Submit Cancel	
	-Recording Mode Mode:	Full-time Recording	

Click Submit to apply after modifications.

9.3.4 Search Device

The device and AVSS client are connected to the same LAN, and the AVSS client can search out the information of the device.

Add Device	No.	UID	System Version	Туре	Channel	IP address	Port
- 	1	19KPJD4FDDVA75WR111A				192.168.60.214	49859
Edit Device	2	ER9WDJUKUEF1M29C111A				192.168.60.68	48523
- Device Config	3	CU7CCBF884MMCDJ1111A				192.168.60.98	49511
CSearch Device	4	LH7E63LH265Y947G111A				192.168.60.5	43012

9.4 Live View

Select channel to watch live streaming.

9.5 Video Playback

Click Playback, select device, channel, date, time, click the play icon to start replaying recorded footage.



Live View



Playback

10 New Camera Pairing

The cameras have been paired before leaving the factory, NVR will automatically display video after powering on the camera system. It is recommended that users conduct a power-on test before installation to ensure that each camera can work normally. If it fails, please contact our customer service.

If you want to add a new camera or reset the camera, please follow the following steps. Take out the camera, install the antenna, connect NVR and camera with a network cable. Make sure that NVR can display normally on the monitor, and then perform the following operations:

- 1. Right click the mouse, the main menu will come out.
- 2. Select and enter IPC Channel Config page.



3. Click the Search on the IPC Channel Config page to search for the corresponding IPC.

IPC Channel Config							
	192.168.147.5	V3.8.3.16E201200FA		24:14:07:01:C1:82	Not added	Reset IPC	
		V3.8.3.16E201200FA			Not added	Search	
						Wifiadd	
	192.168.138.102				Not added		
						Cable add	
	192.168.138.106		- L -		Not added	Add all	
			Please		Not added		
					ect State		
						Delete	
						All delete	
						Upgrade	
						WirelessSet	
						Refresh	

4. Double-click the searched cameras, or tick the camera and click WiFi Add. The status of IPC connected shows at the bottom of the page, and the corresponding monitoring video will display.

		l Config	Chanr	IPC			
Reset IPC	Not added	24:14:07:01:C1:97		V3.8.3.16E201200FA		192.168	
Search	Not added	24:14:07:01:C1:7D		V3.8.3.16E201200FA		192.168	
Wifi add	Not added			V3.8.3.16E201200FA			
_	Not added			V3.8.3.16E201200FA		192.168	
Cable add	Not added	24:14:07:01:C1:A1	Wifi	V3.8.3.16E201200FA	.147.7	192.168	
Add all	Not added						
Delete							
All delete							
All delete Upgrade							
Upgrade							

NOTE: If all eight IPC channels have been connected and you need to connect other cameras, then you will need to delete one or more channels to add other cameras.

	192.16	8.147.9	V3.8.3.16E201200FA	Wifi	24:14:07:01:C1:91	Not added	Reset IPC
	192.16	8.147.7	V3.8.3.16E201200FA		24:14:07:01:C1:A1	Not added	Search
	192.16	8.147.4	V3.8.3.16E201200FA				Wifi add
	192.168		V3.1.1.16E201300EA		F3:2F:95:FB:6D:29	Not added	
	192.168		V3.1.1.16E201300EA				Cable add
	192.168		V3.1.1.16E201300EA		D9:53:F9:A0:08:80	Added	Add all
	192.168						
0		192.168.147.4	V3.8.3.16E201200FA	Wifi	24:14:07:01:C1:97	Connected	Belete
	04	192.168.147.8	V3.8.3.16E201200FA	Wifi	24:14:07:01:C1:7D	Connected	
		192.168.147.3	V3.8.3.16E201200FA		24:14:07:01:C1:B3	Connected	All delete
			V3.8.3.16E201200FA				Upgrade
		192.168.147.5	V3.8.3.16E201200FA		24:14:07:01:C1:82	Connected	
			3 V3.1.1.16E201300EA		D9:53:F9:A0:08:80		WirelessSet

11 Warranty & Customer Service

Please kindly note that product failures caused by the following conditions are not covered by the warranty:

- 1. Product failure due to accident, negligence, disaster, improper operation or misoperation.
- 2. Improper working environment or conditions, such as defaults due to power failure, ambient temperature, lightning strikes, etc..
- 3. The product has been repaired by a maintenance not authorized by the manufacturer.
- 4. Product purchased over 12 months from its original purchase date.

5. The product must be purchased from ZOSI official website or authorized dealer to enjoy warranty service.

More: https://zositech.com/ or https://www.zositech.com/support-center