

WEEE Number: 80133970

INSTALLATION INSTRUCTION

4CH WIRELESS SECURITY SYSTEM





No.	Name	Quantity	No.	Name	Quantity
1	Wireless NVR	1	7	Quick Operation Guide	1
2	Wireless IPC	4/8	8	Screw for hard disk	1
3	IP Cable(1M) for matching code	1	9	Screw for IPC	4/8
4	USB Mouse	1	10	Power supply for NVR	1
5	Antenna for NVR (black)	2	11	Power supply for IPC	4/8
6	Antenna for IPC (white)	4/8	12	IPC installation sticker	4/8



Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installing and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.



HARDWARE

1. Statement

Thank you for using our product, please contact us if you have any question. This guide is for Wireless NVR Kit. Content may be modified and updated based on new function. The function of the actual products maybe a little different from the guide, please operate it referring to actual products.

2. Attention

- ① Do not install the wireless NVR in humid and dusty environment.
- 2 Put the wireless NVR in drafty environment in case of ventilation port being blocked.
- ③ Check the power supply to avoid damage because of voltage mismatch.
- ④ Make sure the wireless NVR working within suitable temperature and humidity environment.
- 5 Please install the wireless NVR horizontally, and avoid vibration.
- ⑥ Short circuit may occur when dust become wet on circuit board. Please clean the dust on circuit board, connectors, and NVR case.
- Explosion may happen because of improper replacement of battery, do not replace it by yourself;
 If you need, make sure it is the same type of battery. And do not open or repair it.
- 8 Please use suitable and professional hard disk to ensure continues and stable recording.
- ③ Lightning protection is needed when device is connected to communication cables. Ethernet cable which comes form outside, connecting to the wireless NVR directly is forbidden.

3. Open and Check

Open the package when received, put the products and spare part in suitable place, check them based on packing list. If there is anything broken or missing, please contact to us as soon as possible.

Hardware

1.Hardware Disk Installation

Attention: Please use suitable and professional hard disk; Do shut off power before installation.

Step 1:Put the NVR on table horizontally, loosen 4pcs M3*6 screws,as picture1-1 shows;

Step 2: Push the cover to the back direction , connect data cable and power supply cable to the ports on hard disk separately, as picture 1-2 shows.





Picture1-2



Step 3: Match the hole between hard disk and NVR case, as picture 1-3 shows; Step 4: Put NVR on table sideways, fix hard disk with 4pcs BM6#-32*6 screws, as picture 1-4 shows;



Picture1-3



Picture 1-4



Picture1-5



- ① Audio output Antenna
- 2 VGA output
- ③ HD- output
- ④ Network port
- 5 USB interface
- 6 Power supply : DC12V





(3.LOG IN/LOG OUT

Please make sure the voltage of power supply is matched with wireless NVR, and ground connection work well in socket. When power supply connected, indication lamp [POWER] turn on, it means system runs smoothly.

4.INSTALLATION OF WIRELESS PC

Attention: The IPC should be installed on the wall with suitable thickness, which can sustain 4 times weight of IPC& spare part.

STEPS

- Hole location sticker: put the sticker on the wall, punch with 5mm drill in the marked areas, make sure the deep of hole is over 30mm at least. Then punch expansion screws in hole. As Picture 4-1 shows.
- 2 Fixing IPC: The structure of wireless IPC is integrated, please use 3pcs PA4 screws to fix IPC on the wall. As picture 4-2 shows.
- ③ Bracket adjustment: loosen the screw on IPC, the range of angle for adjusting is showed on picture below, adjust the IPC to suitable direction, then tighten the screws. As picture 4-3 shows.



Picture4-1

Picture4-2









The shape of wireless NVR signal coverage is a ball, antenna is located in the center. Signal is strong around antenna, and weak in the dent area of the 2 antennas. Based on the signal spreading ways, please make the wireless IPC keeping parallel or tangent with wireless NVR, which ensure stable signal transmission and better picture quality.

6.EXTENDING SIGNAL COVERAGE RANGE BY ANTEENNA EXTENSION CABLE

When there comes to no/stuck image because the barrier weaken the signal, user can replace the antenna with extension cable, to bypass the obstacles, user can place it in a better signal position of NVR.



SOFTWARE OPERATION

1. Code Matching & IPC Adding

- ① Right-click on main interface, select 【IP Camera】 【Add】 【Match Code】
- 2 If just match one device, please connect IPC and NVR with IP cable in WAN port. For multiple matching, please connect IPC to switch, and connect NVR to switch in WAN port.
- 3 Click [Match Code], system will match the code between IPC and NVR.
- ④ When finished code matching, click [Search], then select [Add All]. User also can click to add it and view picture



Attention: The code has been matched before output, user no need to add the IPC again, picture will be shown automatically when power on. For code matching, please follow the steps above, and delete the useless channels.

Q	IP Camera			Add IF	o camera			
	Menu		Search	Add all	Manual	Match Carls		
89	Screen		IP	Port	Status	Device		
۵	Wired network	1	172.25.123.3	554	Already added	3C 33 00 F6 D3 30	0	Ð
(î;	Wireless Config	2	172.25.123.4	554	Already added	3C:33:00:F6:D7:E5	٢	Ð
-S	Manual Record	3	172.25.123.5	554	Already added	2C 73 60 12 85 ED	۲	Ð
•	Playback	4	172.25.123.6	554	Already added	20.73.60.12.86.10	٢	Ð
8	Image Color							
3	Start Patrol							
	Guide							
0	Quit							



2. Record & Playback

① Check the hard disk. Right-click→ [Menu] → [Disk]. Make sure hard disk is connected to NVR and run normally. Attention : please format hard disk, it can come into using after showing capability

D IP Camera	(Wanage Disk			×
🛆 Metau				
Screen ·	Disk			
Wired network	1 stat Type D	KT4 Status: nomelbuey 2		
Wireless Config	Capacity	217 CELEVIAL 425 CE	NULL	
Manual Record		CETTER THE WARDER		
Nayback	3	4	NUM I	
nage Color	NU	LL	NULL	
tart Patrol	Refresh	remat		
uide			×	
Quit			Apply Cancel	

 $(2) \quad \text{Timing and alarm record: [Menu]} \rightarrow \text{[Record]} \rightarrow \text{[Record Time]} \rightarrow \text{choose type} \rightarrow \text{[apply]} \ .$



Attention: Wi-Fi NVR system is default setting 24h manual record, and also, [All Day] / [Daytime] [Night] / [Custom] are for optional

③ Manual Record: Right-click → [Manual Record] → choose recording channel → [Save] (Actually, the Wi-Fi NVR system have default set 24th recording)

Manual Record	×
Selection channel	
All Clean Si	ive



④ Playback: Right-click → [Playback] → choose channel and date → double click date to query→ double click timeline to check record.



3.Backup

Insert U disk to NVR USB port \rightarrow Right-click \rightarrow [Menu] \rightarrow [Record] \rightarrow [Backup] \rightarrow choose time, channel and type \rightarrow [Query] \rightarrow select target file \rightarrow [Start Backup] (some wireless NVR will just 1 USB port, please pull out mouse and insert backup device in 45S after click [Start Backup].

Attention: If target file can not be searched out, please click [Empty] \rightarrow [Add]. Please remove the files which is no need before backup. Ensure insert device(like USB) in 45S, as system reserved searching time for it is 45S.

Bac	kup						
Start T	ime 20	18 - 06 - 06	00 : 00 : 00 End Ti	me 2018 - 06 - 06 2	3 : 59 : 69		
ch	М		Тура 📶	Query	Empty		Format
Num		Type	Start Time	End Time	Size(KB)	>	Check
		Manual	2018-06-05 23:51:03	2018-06-06 01 07 38	508 20MB		name Not inserte
		Manual	2015-06-06 01 07 38	2018-06-06 02:24 28	508.30MB	8	Size 0.006/0.000
		Manual	2018-06-05 02:24:28	2018-06-06 03 41:03	508.47MB		
	01	Manual	2018-06-06 03:41 03	2018-06-08 04:57 38	508.03MB		
		Manual	2018-06-06 04 57 38	2018-06-06 08 13 46	508.02MB		Video Size508 03MB
		Manual	2018-06-06 06:13:46	2018-06-06 07 30 08	508.21MB	68	
		Manual	2018-06-06 07 30 08	2018-06-06 08 39 35	508.13MB		Start backup
	01	Manual	2018-06-06 08:39:35	2018-06-06 09 34 35	427.84MB		



4.Motion Detection Record

 Right-click→ [Menu] → [Alarm] → [Motion Detect] → choose target channel→ click [Enable] → Set Sensitivity & Area & Time & Alarm mode→ Choose Channels for recording when Motion Detection Alarm is triggered→ [Apply].

Channel 02 Enable Set Time Date Wed • Sensitivity 75 Period 1 00 : 00 - 00 : 00 Period 2 00 : 00 - 00 : 00 Alarm mode Screen Email Beep Period 4 00 : 00 - 00 : 00 Period 4 Linkage Ali Period 6 00 : 00 - 00 : 00 Period 6 00 : 00 - 00 : 00 Period 6	Alarm Motion				×
Channel 02 Enable Set Time Date Wed Image: Channel Image: Channel Image: Channel Date Wed Image: Channel Image: Channel Image: Channel Date Wed Image: Channel Image: Channel Image: Channel Image: Channel Date Wed Image: Channel Im	Motion				
Sensitivity 75 Period 1 00 : 00 - 23 : 59 Detection area Period 2 00 : 00 - 00 : 00 Alarm mode Period 3 00 : 00 - 00 : 00 Screen Email Beep Period 5 00 : 00 - 00 : 00 Linkage All Period 6 00 : 00 - 00 : 00 N 1 2 3 4 Period 6 00 : 00 - 00 : 00	Channel 02 🔽 Enable 🌍	Set Time	Date	Wed 🛛 🗸 💌	
Detection area Period 2 00 : 00 - 00 : 00 Aarm mode Period 3 00 : 00 - 00 : 00 Screen Email Beep Period 4 00 : 00 - 00 : 00 Linkage All Period 6 00 : 00 - 00 : 00 N 1 2 3 4 'Please ensure that all the settings are set up	Sensitivity 75		Period 1	00 : 00 - 23 : 59	
Period 3 00 : 00 - 00 : 00 Alarm mode Period 4 00 : 00 - 00 : 00 k Screen Email Beep Period 5 00 : 00 - 00 : 00 k Linkage All Period 6 00 : 00 - 00 : 00 0	Detection area		Period 2	00 : 00 - 00 : 00	
Aarm mode Period 4 00 : 00 - 00 : 00 K Screen Email Beep Period 5 00 : 00 - 00 : 00 Linkage All Period 6 00 : 00 - 00 : 00 1 2 3 4 'Please ensure that all the settings are set up			Period 3	00 : 00 - 00 : 00	
Screen Email Beep Period 5 00 : 00 - 00 : 00 Linkage All Period 6 00 : 00 - 00 : 00 1 2 3 4 "Please ensure that all the settings are set up	Alarm mode		Period 4	00 : 00 - 00 : 00	k
Linkage All Period 6 00 : 00 - 00 : 00 1 2 3 4 "Please ensure that all the settings are set up	Screen Email Beep		Period 5	00 : 00 - 00 : 00	
"Please ensure that all the settings are set up	Linkage Ali		Period 6	00 : 00 - 00 : 00	
		*Please ensi	ure that all th	e settings are set up	
Copy Cancel	Сору			Apply Cancel	

② Back to [Record] interface→ [Record time] → [Custom] → set record period of target channel→ click [Motion] → [Apply]. User can also set shelter and linkage alarm in the same way above.

Channel	02				Video type		
Date	Wed			Normal	Motion	Alarm	
Period 1	00 : 00) - 23 : 59	1				
Period 2	00 : 00) - 23 : 59	l				
Period 3	00 : 00) - 23 : 59					
Period 4	00 : 00) - 23 : 59	l i				
Period 5	00 : 00) - 23 : 59					
Period 6	00 : 00) - 23 : 59					
*Set up video	types of each	camera at diff	rent time periods				k

V-TAC®

5. Internet Connection

[Menu] \rightarrow [Wire Network]

In LAN, there are 2 ways for wireless NVR to connect to Internet. Manual setting: Fill in IP address, DNS data, and click 【Apply】. DHCP: open DHCP, device will connect to Internet automatically, no need data setting. If user doesn't familiar about the network environment, prefer use DHCP first, please.

Network Wired				×
Wired				
Net Card	Netcard1	MAC	00.66 70 13 46 D0	
IP Address	192 • 168 • 120 • 75	DHCP		
Subnet	255 • 255 • 255 • 0			
Gateway	192 • 168 • 120 • 1			
Main DNS	114 •114 •114 •114			
Sub DNS	8 • 8 • 8 • 4	Refresh	n Default	
			Apply	Cancel

Bridge

Bridging function: to expand the coverage area of wireless signal.

IPC in further area can connect to near IPC via Wi-Fi signal and connect to NVR finally. It could extend transmission distance for complicated installation scenes.

 $(1) Steps: [Menu] \rightarrow [Channel] \rightarrow [Bridge]$

NVR	Manage	Network	Channel	Record	Alarm	Upgrade	×
Char	nnel	D IP came	era	Channel r] name		
		Reference of the second) a	Casda] de		•
		*Custom video o	pening, mobile	detection and ala	m time.		



② Add: click to add target channel/camera. If no this icon, then can't set bridge function

Cascading settings					
Cascading					
NWR	Channel1	Ð			
	Channel2	•			
	Cryannel 3	•			
	Channel4	•			
			Refresh	Save	Cancel

③ Picture below shows 2 connect types

a. One by one: CH3→CH2→CH1→NVR

b. Connected directly to NVR: CH4→NVR

Don't forget to click [Apply] to finish bridge setting.

Attention: when installing camera after set bridge function, please prefer the one which connect NVR and IPC, ensure this camera is placed in a better signal location(open area, less obstacle), power it, image showed, then the next one. For example, like the picture below, user can install camera 1, then camera 2, then camera 3.

④ Delete -

Move mouse on a channel icon \rightarrow left-click \rightarrow [Save] The camera which is deleted will connect to NVR automatically after 30S.

Charnel management Cascading settings	×
Cascading	
NAR Channel Channel Channel Channel	
	×
Refresh Sove	encel



Wire connect

Wireless connect is very convenient, and wire connect is also a good supplement. In some complicate scenes, like too much thick obstacles/metal which will weaken signal, even lead to disconnection, then wire connect will help to solve it to ensure image clarity and stability.

Steps:

Connect IPC and NVR with network cable directly or through switch, [Menu] → [IP camera] → [Search] → select target IP address(as the IP address is the same before modify) → [Modify the device IP].
 Delete the channel which no need to add→ double click the target IP address to finish connection.





- Software download: user can download "Danale" on Android market/App store, website download address is : http://www.danale.com/danale/downloadCenter.jsp , also, customer can scan QR code below.
 Welcome to D
- ② Open Danale, and sign up a personal/company account



Phone number/Email	
	e
Create new account Fo	rgot passwoi
\odot	6
Wechat QQ	Weibo



3 Connect NVR with router by network cable directly to ensure it is connected to Internet and IP address on NVR is valid. Steps: Double-click \rightarrow [Wire Network] \rightarrow set IP address.

Network Wired				×
Wired				
Net Card	Netcard1 V	MAC	00.66 70 13 46 D0	
IP Address	192 • 168 • 120 • 75	DHCP		
Subnet	255 • 255 • 255 • 0 192 • 168 • 120 • 1			
Main DNS	114 • 114 • 114 • 114			
Sub DNS	8 • 8 • 8 • 4	Refresh	Default	
			Apply	Cancel

Attention: If not familiar about the LAN environment or the device is in private network, user can turn on "DHCP", which ensure gaining IP address automatically. If familiar about LAN, user can set it and DNS manually to connect to internet.

④ Open P2P function, as picture below:

[Menu] \rightarrow [Network] \rightarrow [Mobile] \rightarrow [Enable], click [Refresh] to let the status shows "online". If shows "Not online" more than 5 minutes, please check step \boxtimes to ensure NVR is connected to Internet

Network Phone			×
Phone			
	APP Enable Device ID : 38b0e9ae124bbe14	Device ID Status: Not online 4bf191a1f47901f34	efresh
	Step 1.Use mobile phone to s 2.Open the APP, scan th	can the left side two-dimensional code and install ap e right two-dimensional code in APP, add the device. Apply	Cancel



Adding Device



2) Scan device's ID QR code or click " 7 to input it manually In the pop-up interface, then name the device to finish add it as follows:





Preview:

Cick device in list to enter preview interface, select a channel to view it's picture, click \swarrow^{\nearrow} to enter full-screen, as follow shows:



Preview: Interface Icon





Sharing With Others:

click " [7]", input account or scan account QR code to share to others. and click [Next].



Playback:

Select " 🕜 " on the interface, click "Hard disk video" to enter related playback interface, user can drag timeline to playback the video in different time, and click to switch channel or to change to target channel.



PC view

① Software install: download address : http://www.cnjabsco.com/download/lists.html; User can search tools software, choose version, download it according PC system.



NVS

② Please ensure Danale account have been signed in and added camera successfully on cellphone, open software, input user name and password, select [Login P2P]

Attention: user won't log in an account or find a device without a registered account/ no camera have been added on it. User can't view the video on cellphone and PC by the same account simultaneously

Ø € Welcome to	use NVS,please login
User:	admin
Password:	•••••
	Remember Me Auto Login V Login P2P
	Default user and password both are "admin"
	Login Cancel

- ③ Danale on PC will show the added device on left list after logging in, select 4 split display, click device list to choose a channel or right-click to connect all.
- ④ If don't select 【Login P2P】, input user: admin, password: admin, customer can search and add all the device of the LAN.



evice Type:	NVR 👻	0/16 🕅 Al		nvert			
Device Name	Device Source	IP Address	Port	Typ	Device Account(Default:admin):	E A Device List	
nvr3edS奋		192.168.0.110	5540	nvr		H H 192.168.120.75	
nvr		192.168.1.177	5540	nvr	admin		
POE NVR		192.168.1.218	5540	nvr			
nvr		192.168.120.22	5540	nvr	Device Password(Default:admin):		
nvr		192.168.120.75	5540	nvr			
nvr122334		192.168.120.144	5540	nvr			
nvr		192.168.120.170	5540	nvr			
nvr112233		192.168.120.188	5540	nvr			
nvr		192, 168, 120, 194	5540	nvr			
nvr		192, 168, 120, 197	5540	nvr			
nvr		192.168.120.221	5540	nvr	Add		
nvr		192, 168, 120, 222	5540	nva			
nvr		192, 168, 120, 223	5540	nva	Add All		
nvr		192.168.120.230	5540	nvr			
□双方建立		192.168.120.231	5540	nvr	Delete		
nvr		192, 168, 120, 232	5540	nvr			
					Delete All		
					Add Manual		
					Add All And Play Video		
< [F	Add All And Play Video		

IE View

- ① Connect WAN port to switch with IP cable.
- ② Check the network wire network IP address , put it on IE.

Attention: The segment of NVR and PC should be the same.

1) Log in IE, input the user name and password (user name: admin, no password), click [Login] Attention: please click [Download plug-in NEW] for install plugin for the first time, and remember to log out Internet Explore in procession

\odot	Network Wired				×
	Wired				
	Net Card IP Address Subnet	Netcard1	MAC DHCP	00 66 70 13 46 D0	
	Gateway Main DNS Sub DNS	192 • 168 • 120 • 1 114 • 114 • 114 • 114 8 • 8 • 8 • 4	Refresh	Default	
				Apply	Cancel

② Click **•** and choose [Live View], user can view the picture and set data on the user interface, picture as below.





In case of any query/issue with the product please reach out to us at support@vtacexports.com V-TAC EUROPE LTD, Bulgaria, Plovdiv 4000, bul.L.Karavelow 9B