Statement
Thank you for purchasing our product! This quick user guide will talk about main uses of the product. More information can be found on our website and the help center. This user guide contains important content due to hardware and software upgrade. It is subject to change without previous notice.

Safety Caution
1. Do not put any flammable container on the product.
2. Do not use the product in a ventilated environment and do not block the vents.
3. Do not use conductive power supply to the product to prevent damage to the product.
4. Do not use the product under unusual working temperature and humidity. (Advised in this manual or distributor's website)
5. Dust on PCB may cause short circuit. It is suggested to clear the dust on PCB timely to make the product work properly.
6. Please observe the policy and rules in your country and area during the installation of this.

Out Of Box Audit
After resolving the product, please check all products and accessories to the package. Include the following information. If any mistake or damage, please contact the distributor.

Before installation
This product may require cabling, we suggest to test all products & parts before installation and cabling.

NVR
1. WIFI Antenna Port: Double antennas to WIFI range.
2. WAN Port: Connect your NVR to Internet.
3. VGA Port: For viewing on VGA monitor.
4. HDMI Port: For viewing on HDMI.
5. USB Port: For mouse and backup.

IPC
1. WIFI Antenna: WIFI connection with NVR.
2. DC Port: Input power 12V 1A.
3. RJ45 Port: For matching code and wired connection between IPC and NVR. Our product’s RJ45 port is ether-based code before leaving factory. If you need to add switch code or use wired connection, please refer to how to add RJ45 camera as below.

Installation Instruction Of WIFI NVR KIT

Record Video
1. Timing Record: Set record time you want the NVR to record. Click right button on Setup Menu—Record Setup—Record Plan, here you can setup periods you want the NVR to record. Everyday: 2:00-23:59:00 mean 24*7 recording. The system records 24*7 by default when it detects hard disk.
2. Manual Record: Switch to turn on, click right button on Manual Record; you can turn ON or turn off the record of certain channels. Red dot on right above channel means manual record is ON.
3. Motion Record: Motion Record means certain channel(s) will be recorded only when movement is detected. Click right button on System Setup—Record Setup—Record Plan; by selecting Motion, the channel(s) will record only when motion detected.

Playback Video On NVR
In the NVR system, right click the mouse—Choose Video playback—Choose Manual search, you will enter the Video Playback system. Specify channels and time, you can search videos. Click playback to start play record video.

Setup the System
This system is standalone with embedded Linux Operating System in the NVR. Just like a desktop PC, need to hook a screen to the NVR to enter the OS. Any TV, monitor with VGA or HDMI input should work for it.
1. Install antennas for cameras and the NVR.
2. Connect a screen to the NVR via HDMI or VGA port (HDMI and VGA cable not included).
3. Plug the NVR to power (power bigger 12V 2A power adapter).
4. Plug cameras to power (smaller 12V 1A power adapters).
5. Within seconds, you should see camera’s images on the screen.
6. Plug the mouse(camera) on an USB port on back of NVR. You shall then be able to operate on the system.

In the OS you can find most functionalities including live view, record, playback, video backup and all settings.
Default ID: admin Password: none (means leaving the password empty, just click login). Tip: To protect your privacy, please set your password at earliest convenience. Right click the mouse—Go to System Setup—System Admin—User Management to set password.

HD Install
The system may not include hard disk depending on the box you selected, the NVR works most 3.5" SATA HDD or 2.5" SATA HDD.
1. Unplug your NVR from power, unscrew and remove the top cover.
2. Connect the SATA power and data cable from the NVR to the corresponding ports on your HDD (as shown).

View On Mobile
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View On PC Via IE (Internet Explorer)

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View On PC Via IE (Internet Explorer)

Use U disk to copy video, so easy and convenient!
1. 2 USB port: Plug U flash disk into the USB port of NVR. Right click on main menu—video backup—choose backup channel—choose video mode—setup searching time—search—choose recording file on the file—video backup (support 32G U flash disk at max. Recording file is packed one hour per time.)
2. 1 USB port: Right click on main menu—video backup—choose backup channel—choose video mode—setup searching time—search—choose recording file on the file—video backup, insert U flash disk within reminding 1 minute, then the system will backup recording file to U flash disk.

Download the APP “IP PRO”
You can either scan the QR-Code below to find the free mobile app, or search “IP PRO” on APP store/Google Play to find it. Download and install it. Then run the APP and spend minutes to register an account.
Add the NVR system to your APP device list
Run the APP “P2P PRO”, login with your account or choose Thal→Click “+” to “Add device by ID”. (Find it the NVR’s network setup, or right bottom corner on screen). Description(e.g., Home Camera), User name (default user name is “admin”) and password (default is empty).—Submit to get back to your device list→Click the device to view the cameras.
Tips: If you’ve set a password on your NVR system, please update your password on APP to view.

### Playback On Mobiles
In the IP PRO APP, while viewing the video of the system, click Play/Stop, you will enter the remote playback menu. The APP automatically playback camera 1, you can switch channels the CH.
Tips: Videos in playback are HD@real time which requires very good transmission condition. We suggest to playback in LAN, Remote playback out of LAN may not 100% work due to connection & network condition.

### MENU-DO What

#### Menu bar
Click right button you can enter the main menu; click right button again you can exit the current menu or return.

### System setup
Click right button—Choose System setup, you then shall enter the menu that enables you to do all settings related to this system.

#### General setup
(“This enables you to set”)
- Language
- Time
- Display resolution
- Name each camera
- Auto switch from 1 camera to another

#### Record setup
(“This enables you to set”)
- Recorder plan for each channel video detection
- Network setup: (“This enables you to set”)

#### System admin
(“This enables you to set”)
- System version
- System maintenance including system upgrade
- User and password management
- Revert to default settings
- System log
- HDD informs
- Channel setup
- (“This enables you to set”)

Add Cameras
Before leaving factory, NVR kit is already matched code, the image will come out when the kit is powered. Anyway, there is range limitation for the Wi-Fi signal from NVR. When camera is out of this range, they can’t be connected to NVR wirelessly. Then users can use network cable to connect cameras and NVR, as picture showed below.

### Use Antenna Extension Cord to prolong WiFi distance
Installation method of antenna extension cord

#### Notes:
- When WiFi signal is not strong enough against walls, users can take off the original antenna and substitute antenna extension cord. On the wall to let the extension cord go through and simply put it where WiFi signal is strong.

### Repeater Setup
Step 1. Right click on NVR’s GUI, left click “video management”→ then left click “repeater”

#### Notes:
- Devices will not in guarantee if caused by below reason:
  1. Accident or negligence; disaster management;
  2. Do not conform to the environment and conditions such as power improvement, working temperature too high or too low, lightning strikes, etc.
  3. Even be maintained by other center which not belong to the real factory.
  4. Goods already sold more than 12 months.