Vimtag IP
Camera VT-361

Security
Camera
Manual

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1. Introduction

The Vimtag IP Camera VT‑361 is part of an overall surveillance and security solution that enables you not only to observe what is happening in real time from remote locations, but to capture and store video and images both manually and automatically. It provides added security and peace of mind in both home and office settings.

The Vimtag solution, which includes the Vimtag IP Camera VT-361 as well as optional other accessories and an advanced web-based control application, combines high quality, easy-to-setup cameras with a program running on your mobile device or computer that enables you to see what is happening from anywhere, at any time.

Key Benefits

Traditional IP cameras tend to be difficult to install and use. The Vimtag IP Camera is simple to set up and operate. It is a Plug and Play system with many distinct features and functions and can be scaled to any size business, organization or residence. In a small business or private residence, a single camera can be installed and then monitored and even controlled remotely. In larger businesses, even if located in multiple sites or even different cities, several cameras, including indoor and outdoor models, can be combined with the Vimtag Cloud Box to store recorded images and videos.

Unlike other solutions, Vimtag does not require you to define port mapping settings, deal with an IP address, or DNS server settings. The Vimtag solution offers many benefits, including:

- Wi-Fi/3G remote monitoring for real-time control from any computer, any location, at any time
- Video in 720P HD
- Motion detection function
- Two way speaker to listen to sounds from the area under surveillance; to communicate with those who are there

The advanced web-based application enables you to access and view surveillance activity via a wide variety of mobile devices, including both iOS and Android devices. Another benefit of the Vimtag solution is its cost-effectiveness, making it an ideal solution both for large corporations that need to secure large areas, as well as smaller businesses and even homeowners wishing to provide surveillance and security on a more moderate scale.

Main Vimtag Camera Functions

- Supports streaming real-time video on smartphones and devices such as Android and iOS devices (iPhone, iPad), ensuring a smooth image. At 25 frames per image transmission, can watch 720p HD images
- P2P technology, no configuration, and Plug and Play so that you do not need to configure any port mapping, DNS server, or IP address settings
- Uses intelligent transmission technology, such as adaptive bandwidth, dynamic code rate adjustment, voice priority, jitter buffer
- Supports two-way voice intercom, adapted to the telecommunication level of signal processing: such as, echo cancellation, noise suppression, voice balance, comfort noise sound and silence suppression
- Supports multiple user access to equipment management
- For QR code scanning, each machine has a unique ID and password
- Bank-level encryption protection, including RSA, DH, DES, MD5, and CRC SHA. Base64 encryption algorithms
- Supports connecting external alarms and/or video or cameras to create an integrated extended solution
- Supports motion detection, external alarm detection for the implementation of comprehensive protection
- Offers both a downloadable Windows or MAC application, or a web-based interface that supports multiple browsers
- Supports Pan-Tilt cameras with a pan-tilt level of 320° and rotation of 120°
- Built-in Infrared LED, 10 meters of night vision, whole day monitoring; supports the IR-Cut day/night switch filter, unbiased color images

- Built-in flexible Wi-Fi module, forms a wireless monitoring environment
- Supports maximum 32GB SD card storage, and can store photos and videos
- Supports Power over Ethernet (POE) power supply and meets the IEEE 802.3 standard (optional)

Getting Started Workflow

The main steps in getting started are:

- Download the Vimtag app to either your mobile device or computer.
- Open the application and sign up to create a user account.
- Set up the VT-361 camera and attach it to your Ethernet or Wi-Fi network.
- Using a mobile device with a camera, add a device to your account.
- Manually adjust the camera to optimize the area under surveillance; verify that you have optimized the location and placement by viewing the real-time feed on your computer or mobile device.
- Begin monitoring or recording with your camera.

2. Installing and Using Apps for Mobile Devices

You can operate and control the VT-361 camera in several ways. These include:

- The Vimtag mobile app for your iOS or Android device (both phones and tablets). To use the application, you need to have:

    o iOS devices: iOS 5.0 or above
    o Android devices - Android 2.1 or above; at least 600MHz.

- Vimtag application for laptop or computer for Windows or MAC
- Webpage on the Vimtag website by logging into your account at the www.Vimtag.com site.

The following sections detail installing and using the Vimtag mobile app for iOS and Android devices.

Downloading the Vimtag App

To download the Vimtag Web application:

1. On the iOS device you wish to use for monitoring and controlling your VT-361, open the App Store and search for "Vimtag".
2. On an Android device, open the Play Store and search for "Vimtag".
3. Click the Vimtag icon to download and install the appropriate Web app on your device. Alternatively, you can download the Vimtag Web app from the Vimtag website (www.vimtag.com) by clicking the APP **Download** option.
4. Scan the QR barcode to access a link to the appropriate Web app and install as above.

Logging In and Configuring the Network

After the Vimtag mobile app is installed, log in and configure your network access.

To login:

1. Click the app icon. The Vimtag login page opens.

2. Click **Sign up** and create your new username and password. Confirm your password.

Configuring Network Access

To configure network access:

After signing into the system,

1. Click the three lined icon in the top right of the screen.
2. To add your first camera, click "**+**".
3. In the pop-up screen, enter the camera device ID number and password.
4. Click the **Add** button.

In the list of your available cameras, a green dot in the left corner indicates that they are online. If the dot is red, it indicates they are offline. To troubleshoot an offline camera, see Installing and Configuring the Camera.

To enter a full screen view of the camera, tap the video.

Logging In On Android and Configuring the Network

Once you have installed the Android app, tap the app icon to open it. You can enter your information in one of two ways, just as on an iOS device.

> **Note**: *The default password for all of the cameras is admin.*

To add the camera, you will tap the menu icon in the upper left corner and type it into the system manually. After inputting the ID correctly, you may be prompted to change your password.

To modify your password, you can set up the Wi-Fi. Select the Wi-Fi access point and enter the password for your network. This will add the camera to the list. You can repeat these steps if you have several cameras. If you need to delete a camera, you can simply do a long press on the camera in question, and then select delete from the menu that pops up.

Once you have one or more cameras set up, you will be able to see the feed through your phone. You will know if the camera is working properly

because the video will have a green dot located on the left side of the image. If it is red, it means the camera is offline. Refer to the previous chapter to learn how to troubleshoot an offline camera.

If you want to view the full screen, you can simply tap the camera. Once you have the live view of the camera up, you can move the camera by swiping right, left, up, and down with your finger. To zoom in, use two fingers and spread them apart. To zoom out, do the opposite by pinching your fingers together on the screen.

Working with the Mobile App

The controls are very similar from one device to the next. Like the iOS device, the following icons are located at the top of the video image on the screen:

- Sound/Speaker
- Call/Microphone
- Snapshot
- Record
- Gears (access to the Settings page)

When not in operation, the **Sound** icon, a speaker will have a line through it. When you tap the icon, the line will disappear. Now, you can hear what is happening in the camera's room. If you want to speak through your device and have your voice come out of the camera, tap the **Microphone** icon. Start speaking when the line disappears.

Tap **Snapshot** (the camera icon) to capture a still picture from the video. Tap the **Record** icon (the video camera) to manually record a video on the camera and save it on your phone.

The **Gears** icon lets you adjust the brightness, contrast, saturation, and sharpness when you tap it. You can also choose from day, night, and auto settings.

When you tap the menu icon in the upper right corner of the screen (the same one where you added your device and changed your password) you will find some other options. You can change the notification ringtone and other settings.

3.   Installing and Configuring the Camera

The installation and configuration of your camera has been simplified using details and procedures explained in this chapter.

To use the camera, you will need to have a few basics, such as a computer and/or a smartphone running iOS or Android.

Technical Requirements

Use the following requirements to verify the suitability of your devices for use with the VT-361:

Computer Requirements

To effectively use the Vimtag solution, you should ensure that your computer meets the following requirements:

- Computer equipped with Microsoft Windows® 7, Vista®, XP®, Mac OS, or Linux
- CPU clocked at 1.3G or higher, with at least 128MB of RAM
- Firefox 3.5 or later, Internet Explorer 7 or later, Safari 4 or Chrome 8.0 or later
- 10/100 Ethernet or Wi-Fi network

Phone Requirements

- iOS System Requirements - iOS 5.0 or above
- Android System Requirements - Android 2.1 or above

VT-361 Camera Kit Contents

The VT-361 ships with the following contents:

- One Vimtag IP VT-361Camera
- Ethernet cable
- 5V power adapter
- User Manual

- Stand and installation kit
- Wireless antenna
- Warranty card
- Instruction card

Note: Always make sure you are using the correct voltage power supply for your camera. Failure to use the correct voltage power supply could result in equipment damage and invalidate your warranty.

Creating an Account

To take advantage of all the components of the Vimtag solution, you will need to set up an account at www.vimtag.com. When you visit the site, you will see a sign up drop-down menu on the top right side of the screen. Click this menu and then click the green **Sign up** button. The site will then walk you through the process of creating your own account.
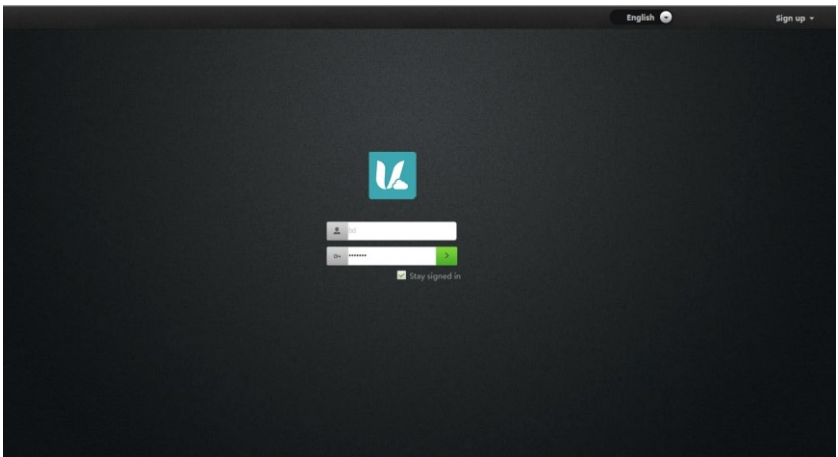
From there, you will be able to log into the system and add your cameras. Once you've added your cameras and set them up on your network, you will be able to control then and use all of the features, which we will discuss in the following chapters.

Physical Features of the Camera

It is helpful to become familiar with the various elements and physical features of your new camera. The following sections detail the physical aspects of the camera.

The Top

On the front of the camera, at the top, is the photosensitive sensor, which surrounds the lens. Just below the lens is the infrared light (IRL) which allows you to video in the dark.

Right below the IRL is the microphone, which will pick up sound from inside the room in which the camera is located.

Located on the side of the camera toward the top is the loudspeaker, which will capture the voice of someone speaking nearby.
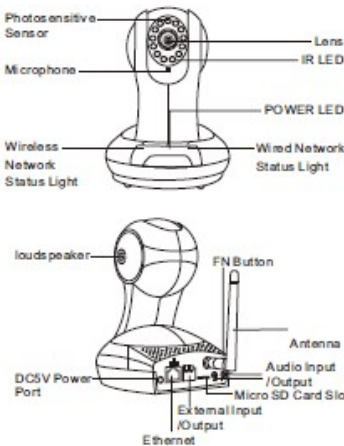
The Bottom

At the center of the bottom, you will find the Power LED. When this is lit up, the camera is on. To the left of this LED is wireless Network Status Light, and to the right is wired Network Status Light.

The Back

On the back of the camera, starting at the left, you will see the DC5V Power Port, which you will use to connect to a power source.

Next is the Ethernet interface, followed by the external input/output interface. After the input/output interface is the SD slot for your SD card (32GB recommended), and the audio input/output interface. The back also features the FN composite button, and the Wi-Fi antenna.

Connecting the Camera

Access to the camera is accomplished with an Ethernet or Wi-Fi connection:

ETHERNET: If you plan to use the camera through a wired connection, you simply connect an Ethernet cable from the Ethernet interface to your router. The camera will then show up on your network. You can go to the Vimtag site and add the camera, using the **Add a device** option, to get it started.

Wi-Fi: If you plan to connect through Wi-Fi, you will find the camera on the network once it is hooked up and the power is turned on. You will be able to add the camera, using the **Add a device** option, on the Vimtag site.

When you set up the camera, whether you are using Ethernet or Wi-Fi, wait for approximately 50 seconds. The wired network light will flash three times every three seconds, indicating that the camera is connected normally.
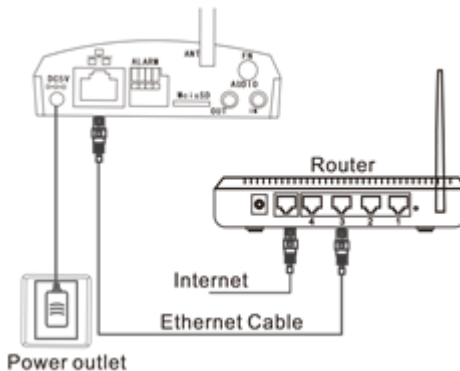
Optimizing the Placement of the VT-361

Camera placement is one of the most important elements for optimizing the use of your new security camera. You need to make sure that you are putting it in an area that will provide the best possible coverage for each

location that you need to keep secure. The "perfect placement" is likely going to be different for each camera, as the layout of rooms and buildings vary widely.

The best way to optimize the placement of the camera is simply by "trial and error". Try placing the camera in several different spots, checking how well each place works by viewing the live feed from the www.vimtag.com site. As needed, move and adjust the camera until you can get the best possible angle and location for your site.

When you are connecting through an Ethernet port, run the link cable from the camera to your router so you can connect it to your network. Connecting by Wi-Fi tends to give more options in terms of placement, since you do not have to worry about the proximity to the router.

In many cases, you will be able to place the camera on a desk, a bookshelf, or other horizontal surface. Or, you may need to mount it on a wall or other location to get that perfect angle.

Installing the Camera on Walls and Ceilings

Before installing the VT-361, you must first identify a suitable location on a wall or ceiling. Once you have decided on a location, it is important to check the quality and angle of the image before actually mounting the camera.

Once you have verified that you have optimized the camera location, affix the mounting bracket tray to the wall using a screwdriver and the appropriate screw. You can then place the camera on the mounting bracket tray and secure it by tightening the screws by hand.

If you place the camera upside down, the viewed image will be upside down when you view it through the monitoring site. To reverse the image so it appears right side up, use the **Flip** function on the www.vimtag.com site. See Settings and Options.

4. Using the Website Interface

In addition to watching the camera image and previously recorded video clips via a standard computer (desktop or laptop), you can operate the camera from the web, using a smartphone, tablet, etc. Two or more people can be logged in to the same camera, control it remotely, and see the results of any actions made by one, or both at the same time. From any computer, at any time, you can log in to your network to see what is happening at any given camera site via the Vimtag website.
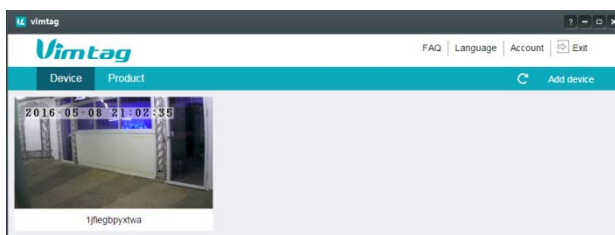
To log on to the website Application:

1. In your Web browser, go to www.vimtag.com. The following window appears:
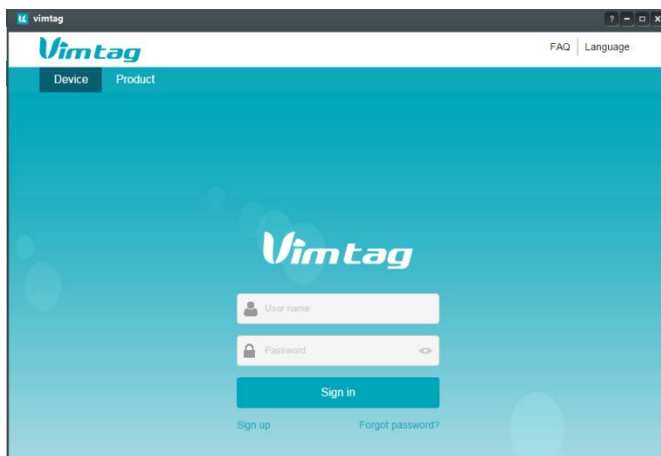
2. Enter your **User name** and Password, and click **Sign in**.

   The Vimtag website interface opens. If devices have been added, the current image for each active device is shown in the dashboard.

3. From the interface, you can use the **APP Download** option to open a QR mobile barcode with a link to the appropriate mobile app. To download the mobile app to your Android or iOS device:

   a. Click ⬚ **APP Download** to open the QR mobile barcode.
   b. With your mobile device barcode scanner, scan the QR code to initiate the Vimtag mobile app download.
   c. Tap the copied link on your mobile device and complete the download and installation as you normally do for trusted sources.

4. To get answers to **Frequently Asked Questions** and specific help, click the **FAQ** tab. Frequently Asked Questions are organized into the following categories:
   - Connection
   - Display
   - Camera
   - Password
   - SD card
   - Other

5. To refresh the device list, in the toolbar, click ⟳.

6. To change the language, in the top toolbar, click **Language** and select a language from the drop-down list. The list of languages is not repeated here as Vimtag continues to add supported languages.

7. To change your account settings and password, in the toolbar, click **Account**.

8. In the new window, click **Settings** to open a page with the following options:
   - Software version

- **User admin password** – Enter the Old password, and a new password, and then enter the new password again in the Confirm password field.
- **User guest password** – Enter Old password, New password, and Confirm password, as above.
- **Binding email** – Enter Email address. May be used for receiving forgotten password.
- **Download path** – Enter the default address path for downloading videos and snapshots.

9. To return to the device dashboard, click **< Back** in the toolbar and then click the **Device** tab.

Adding a Device

Before you can begin monitoring activities at locations where you have placed the Vimtag camera, you need to add one or more devices to your network. The devices are typically cameras but can also include Cloud Box storage devices.

Note: To add a device, the VT-361 Security Camera must be turned on and connected to your Ethernet or Wi-Fi network as described in Connecting the Camera.

To add a device:

1. Install and configure a device as described in 2. Installing and Configuring the Camera.
2. Click **Add device** on the toolbar. The Add device window opens.

3. Enter the ID of the input device and a password for the device. For a new device, the password is typically set to Admin initially.
4. Click **Add**.
5. To modify the password, click the **Modify password** tab. This will enable you to change the password from its current default value to one that you choose.
6. Click the **Config Wi-Fi** tab. The Config Wi-Fi window opens.
7. Complete the Wi-Fi settings.
8. Click **Save**.
9. Click the **Finish** tab.

The device should now be associated with your account. Each time you log in to the application on a mobile device or a standard PC, you will be prompted to enter your password.

Operating the Camera from the Web Application

The Web applications provide several icons that enable you to control the camera and initiate actions such as recording a video, creating a snapshot, etc. remotely.

To operate the camera:

1. Select the device you want to view from the dashboard by clicking the image related to that device. The camera picture opens to almost the full screen and the right panel shows the device list.
2. Use the following controls to operate the camera:

Note: Dragging sliders to the left will decrease the level of the setting, while dragging to the right will increase the setting.

Icon	Action
	Start recording a video. **Note**: Camera must be equipped with a SD card.
	Take a snapshot of the current camera view.
	Turn the microphone ON so that people near camera will be able to hear you speak. **Note**: When the microphone icon is white, the speaker is ON.
	Adjust picture quality. • Mode: Click appropriate button for setting based on the time of day or the room setting: **Day** - Recording in a bright room. **Night** - Recording in a dark room. **Auto** - Automatic adjustments based on the quality the room's current lighting conditions. • **Sharpness:** Move slider from left to right for more sharpness. • **Contrast:** Move slider from left to right for more contrast. • **Saturation:** Move slider from left to right for more saturation. • **Brightness:** Move slider from left to right for more brightness.

Icon	Action
<, >, ∧, ∨	Move camera left, right, up and down using directional controls.
‖	Pause and start the camera.
🔊🔇✕	Mute and unmute the sound.
🕐	Select and view previously recorded videos and snapshots.
⚙	Change camera settings and operational options.
🕐	Search the history for videos or snapshots.
⚙	Modify settings and select options. For more information, see 3. Settings and Options.
Auto	Camera resolution: • 720P (HD) • Standard • Smooth • Auto

On the left side of the screen, you will see the list of the cameras in your account. You can have more than 20 different cameras active in the same account. This works well for large businesses, businesses with several sites which can be located in various parts of a city, many cities, or even many

countries. Multiple cameras also work well for large sites, such as big homes and public institutions, which require optimal security.

Vimtag makes it easy for you to view and control all cameras from the same account. You are able to switch between them by selecting the camera name and making sure that the camera is live. For this reason, it is a good idea to provide the cameras with names that help identify its location or cause.

To change the name of a camera:

The name you use for the camera should assist you in identifying either its location, its purpose, or some other useful and unique information. You can set or change the name of the camera by accessing the Settings window, as follows:

1. In the Vimtag Web App, select the relevant device. When the device results are loaded, click the **Settings** icon found in the upper right corner.
2. In the Settings options, click **Name**. The current name of the camera appears.
3. Change the name and then click **Apply** to save it.
4. On a computer, open the Vimtag website (www.vimtag.com) in your browser. Log in, and then select the relevant device.
5. When the device results are loaded, click the **Settings** icon found in the lower right corner.
6. In the Settings options, click **Nickname**. The current name of the camera appears.
7. Change the Name, and then click **Apply**.

To determine whether a camera is live or not, check the camera status:

- If there is a green circle to the left of the camera name, the camera is online and ready.

- If there is a yellow circle to the left of the camera name, the camera is on, but the password has been changed, or the camera software needs to be upgraded. To access this camera again, you will need to enter the new password.

- If there is a red circle to the left of the camera name, it means that the camera is offline and is not accessible from a remote location.
- If you are unable to confirm that the camera is working, see *Troubleshooting for the Camera*.

Wrench

The **Wrench** icon will allow you to remove certain cameras that you have set up in your account. When you click the **Wrench** icon, all the cameras in the list will now have a red circle with a white minus sign through it.

- To remove a camera, click its red circle.
- To refresh the list and remove all red circles, click the plus sign icon.

   Note: Be careful with this setting, so you do not delete any cameras by mistake! If you do, you can add cameras with the plus sign icon.

Plus Sign

To add another camera to your account, click the plus icon, located just to the right of the Wrench icon. When you click the icon, a popup will appear in the center of the screen. In that popup screen, you will be able to add the input device ID of the new camera. Add the ID and follow the screen prompts to add the new camera to your list.

Refresh Arrow

The refresh arrow will refresh the list of cameras on the left side of your screen.

Hide

To streamline your screen and hid the camera list, click the icon located just below the bar of three icons. Click the icon again to display the camera list.

The Playback Page

If you do not have an SD card in your camera, the Playback page will be a blank screen. If you do have an SD card in your camera and you capture videos, you will see a list of videos on the right side of this screen. Every video will have a timestamp indicating when it was captured.

To watch a video, click the video image in the list and then click the play button. To view the length of a video, click the ⬛ icon next to the video name.

If you are recording a video at the time you go to the Playback page, it will be the first video on the playback page. You will not be able to watch this video, as it is still in the process of recording. Wait until it is finished recording, and then you will be able to play the recording. The videos are recorded in 30-minute segments, so you will never have a video longer than 30 minutes.

On an iOS device, a list of all videos will appear. To start a video, click it.

The Records Page

On the Records page, you will find all of your snapshot

images, as well as records of your videos. However, even though you may see a still image from the video on the Records page, you will need to go to the Playback page to watch the video.

If you have multiple cameras set up on your account, you can switch between them on the left side of the screen with a click. Doing so will bring up photos that you have taken with that camera.

Understanding the Records Page

The Records page contains the following sections:

- Index
- Image
- Time
- Records

Index

Snapshots and videos are numbered sequentially with the latest photos listed first under the Index heading. If you have taken 50 videos and snapshots, the top number will be 50, denoting the most recent picture.

Image

To the left of the Index is the Image heading. This section contains thumbnails of all of the images and videos you have taken. Clicking one of the pictures will open up the image in a separate popup, making it larger and easier to see. The image will have the time and date stamp on it.

Time

Under the Time heading, you will see the exact time and date that you took the snapshot with your camera, or when you started to record the video.

Records

The Records column indicates the type of record: snapshot, video, or a motion/alarm action. All of this information gives you a clear picture of what is happening in front of your camera and when it happened.

5.   Configuring the Camera

In the Settings page you can configure the following values for each camera selected.

Note: The Settings page options vary slightly between the mobile application and the non-mobile version used on a either a Windows or a MAC computer.

About

- Name
- Admin Password
- Guest Password
- Network
- OSD (On Screen Display)
- SD Card
- Motion Sensitivity
- Motion Detection
- Schedule alerting (on Android and iOS devices only)
- Schedule Recording
- Date/Time
- System
- Others
- Delete device

To view the settings of a device, click to select that device, and then click the Settings option.

About

In this section, you will find static information about the camera that you are using:

- Model - Model of the camera you are using. In this case, it is the Vimtag IP Camera VT‑361.
- Software Version – The software version you are using.

- Plug-in Version - The version of the plug-in you are using.
- Device ID - The identifying number for your device.

Name

The **Name** option enables you to quickly identify a camera. Type the name in the box and then click **Apply**. The camera is now listed by its name. For example, you may have one camera named Office and one named Entrance. If you do not create a name, the default name is used.
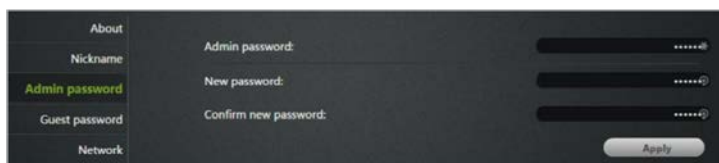
Device Admin Password

To change the admin password, type in your old password in the top box, then type in the new password below. Confirm your new password by typing it again, and then click **Apply**. You can change the password as many times as needed.

Each camera can have an Admin password. You can choose to give a person admin permissions on a single camera, but not all of the other cameras in your system, when you change the password through this setting.

Device Guest Password

Under the Guest Password tab, you can create a password when you want to allow guests to use a camera.

First, you need to enter your Admin password, then create the guest password and confirm it. Click **Apply**, and your guest password is created. The guest password added in this section will only work for the selected camera. As previously described, guests will have limited abilities and permissions.

Network
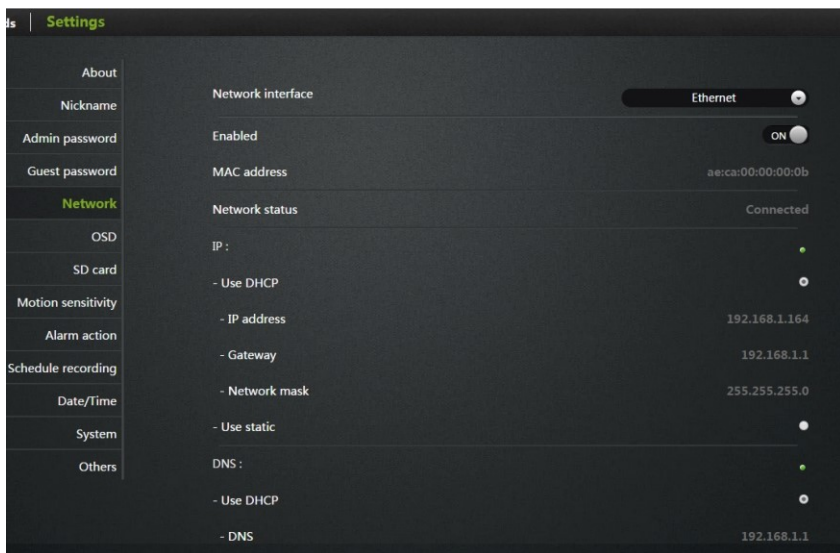
The Network Tab will allow you to choose the network interface that you want to use - Ethernet or Wi-Fi. When you choose Ethernet, you can enable and disable the camera on the network. You can also view the MAC address, the network status, and the IP information.

When you choose Wi-Fi, you can view the MAC address, mode, network status, DNS, and IP information. You will also be able to choose Wi-Fi access points from the drop-down list. If you do not see your network, refresh the list. On this list, you will be able to view the strength of the Wi-Fi signal. Multiple bars indicate a stronger connection.

If you have a hidden Wi-Fi, you need to make sure that the network is visible during the setup to ensure that you can find your network. After setting it up, you can hide your connection again. Enter the Wi-Fi password information to connect.

OSD (On Screen Display)
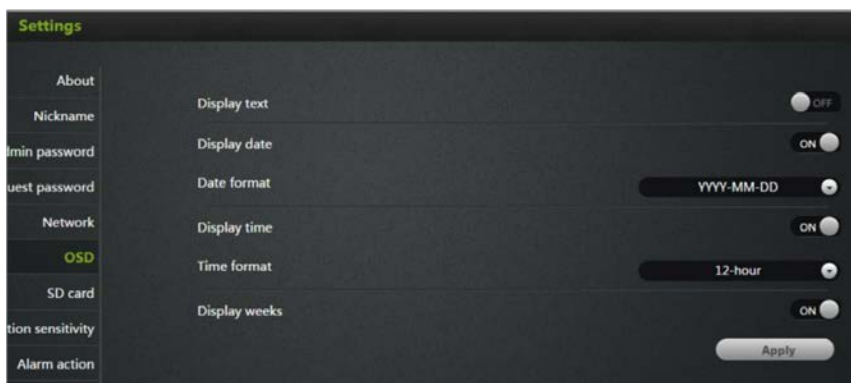
In the **OSD** tab, you are able to manage what displays on the video screen. These settings include:

- **Display Text** ‑ Add text that will show up on the video screen. You could choose to add the camera's nickname, so you can easily tell which camera you are watching.
- **Display Date** ‑ Choose whether to display the date on the screen and the type of date format (MM-DD-YYY or YYY‑MM-DD).
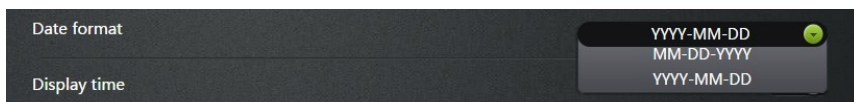

- **Display Time** ‑ Choose whether to display the time on the screen and the time format (12 hour or 24 hour).
- **Display Day of the Week** ‑ Choose whether to display the day of the week on the live screen.

After changing the settings, click **Apply**.

SD Card

The SD Card section indicates whether you have an SD card in the camera and whether it is enabled.

- To use the SD card, place it into the slot on the back of the camera. If the card does not go in all the way by pushing it with your finger, you can use the edge of a paperclip to push it into place. It will not damage the camera.
- If the camera does not recognize the SD card, remove the card and unplug the camera. Put in the SD card and then plug in the camera. The camera will reboot, and then it should be recognized.
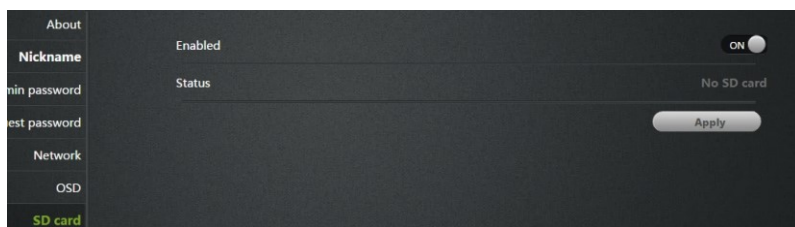
The maximum size card for the camera is 32GB, which should be able to record roughly 60 hours of video. At the end of the 60 hours, the card will record over the oldest segments first. Keep in mind that the videos are recorded in half hour chunks.

When you go to the SD card settings, the card should be enabled by default. If not, click **ON**. The following fields display the card information:

- Status - Connectivity and capacity, which will depend on the size of your SD card.
- Usage - Amount of used space.

The following option buttons allow you to perform important actions on the card:

- **Format** is an option for formatting the card. Whenever you install a new card, you will need to format the card. Formatting erases everything on the card. After clicking **Format**, follow the prompts.

When you format, the camera will go offline for a minute, and then it will come back online and be ready to use.

Note: Every time you format the card, all of the content will be erased. If you have content that you need to save, make sure you save it off the card before formatting.

- **Unmount** is an option to disable the ability to record onto the SD card without having to remove the card. You will have the option to mount a dismounted card. Click **Apply** to save the setting.

Storage Device

Using the **Storage Device** option, you can introduce another element of the Vimtag solution, the Cloud Box. The Vimtag Cloud Box is an ideal DIY (Do It Yourself) security solution for homes and small businesses that require the recording of many hours of continuous video. To use a Cloud Box, you must first connect the Cloud Box to the same network where the VT-361 is connected. Once you have confirmed that the Cloud Box is connected, you need to enter the Cloud Box ID and password and enable its use in the Storage Device tab. For more information on the Cloud Box, see the Vimtag Cloud Box documentation.

Motion and Notification

The VT-361 can detect motion in the area covered by the camera and can, as a result of that detection, take a snapshot, record a video, etc.

The **Motion and Notification** tab offers two options to configure what the VT-361 should do if and when motion is detected in the covered area:

- Motion Detection
- I/O Alarm

Select the **Motion Detection** tab to determine how sensitive the camera is when it comes to sensing motion. You can change the sensitivity settings for day and night operation separately to improve motion detection.
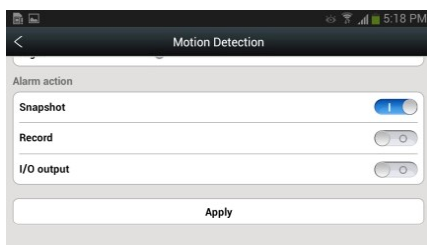
You can also select what you want the VT-361 to do if motion is detected. For example, you can configure the camera to take a snapshot, or to start recording a video automatically.

Note: It is recommended that you start with the default settings and then alter them as needed to adjust to the conditions in the viewing area.

If you place the settings too high, you could get a number of false alarms. If you lower the settings too much, it might not provide you with accurate results. Therefore, it is recommended that you first start with the default settings, which should provide optimal coverage.

On Android devices, the Motion and Notification option also includes a Mask Settings feature which enables you to select squares on a grid that appears over the image of the area the camera covers. Each square you select represents an area of the camera view. Movement in selected grids does not trigger an alert. This feature is especially useful when the camera is placed in such a way that part of it covers a high-traffic area. For example, if you wish to ensure that no one goes through a specific door, but that door is located very close to another high-traffic door, you can "mask" the high traffic door and the path people use to get to it, while still leaving the doorway you wish to secure covered by the camera.

The I/O Alarm is for external devices connected to the camera. The settings are not changeable with external devices, and most people will never have to worry about this setting.

When finished, click **Apply** to save your changes, and then Click **Turn alert on**.

Alarm Action

In the **Alarm Action** tab, under the name section at the top, you will be able to choose between Motion and I/O alarms. The Motion alarm is the default setting. Make sure that you have enabled the camera's Motion alarm. It should read **"ON"** just below the name. Below that, the Alarm Sources row will let you know that you are using motion alarms.

Below that, you can choose to turn on or off a variety of different alarm actions. When the camera captures motion, it will provide you with an alert. You can choose to have the camera send an I/O alarm or you can have it take a snapshot or start recording. You can set the prerecorded length, which will allow you to start the recording a few seconds before the camera starts to record motion. The default is three seconds, but you can set it for up to six seconds.

After making changes, click **Apply** to enable the alarm settings, and then click **Turn Alert On**. If the button reads **Turn Alert Off**, the alert is enabled.

On the Android and iPhone app, whenever there is a motion alert, it will send you an alarm and a photo of what is happening. You will not get an alarm when you are on PC only, but the camera will take the snapshots and recordings and will send them to your Records and Playback for video pages.

Schedule Alerting

The Schedule Alerting tab enables you to specify the days and times of the week when you want to receive alerts. An alert would be triggered based on detected motion. At times when you do not expect there to be movement around your home or office, you may wish to schedule an alert. For example, a store might set up a camera just inside the entrance. It is likely that the store would expect customers to be entering and exiting during the day but once the store closed in the evening and the owners left, there should be no movement. By enabling the Schedule Alerting feature, an alert would be triggered during the "off" hours only.

For each schedule, you can set a beginning time and an ending time, and specify the days of the week, the app should generate an alert if motion is detected. Once you have configured all of your schedules, click **Apply.**

Schedule Recording

Under the **Schedule Recording** tab, you have the ability to enable recordings based on two different options: 24/7 and Scheduled. The enabled button should be ON.

- 24/7 - You will be recording around the clock.
- A Scheduled Recording gives you control over the times that you actually record by scheduling a specific times. You will be able to schedule up to four different recording sessions.

To set up the first scheduled recording, click **Schedule 1**. Select the days of the week that you want to record. You can also select all days. Also select the beginning and ending times. The system uses a 24-hour clock. If you want to record from midnight to 5AM, for example, you would enter 00:00

as the start time and 04:00 as the end time. If you wanted to record from noon to 5PM, you would enter 12:00 to 17:00. Keep in mind that you can add minutes as well, so you could record from 13:00 to 18:43.

If you want to create another schedule after you have made your first, click **Schedule 2** and repeat the process. Continue for Schedule 3 and Schedule 4, if needed.

When you are using the app on an Android or iOS device, you will be able to select AM and PM instead of using a 24-hour clock. Once you have configured all of your schedules, click **Apply.**

Date/Time

In the **Date/Time** tab, you can set the date and time for your camera. Choose the date, time, and the time zone. You can also choose to synchronize to the local date and time automatically. However, you can change the time manually if you prefer. You will want to have the correct date and time so you can schedule your recordings correctly.
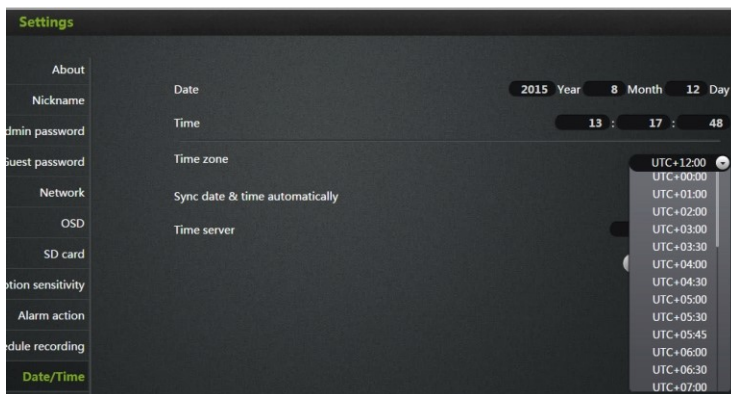
System

Under **System**, there are three sections. The first is Online Upgrade which is a very important one that you should check on a monthly basis. If there is an update available, it will let you know. You can then click for the upgrade. This will provide updates for the camera.

Online upgrade

Online upgrade displays the current version number and shows if there is a newer version. To download and install the latest software version, click **Update**.

Ideally, this field should display "No update available," indicating that your Vimtag camera is using the latest upgrade available. It is recommended that you check the **Online upgrade** option at least once per month.

Restore to factory settings

If you click **Restore**, it will restore the camera to the factory defaults, which can be helpful in case you have made changes to the camera and want to cancel these changes.

> *Note: When choosing Restore to Factory Settings, you also have the choice to keep or remove the network settings. If you do not keep the network settings, then you will have to reenter the network information to get the camera working on your network again. It is recommended that you keep the network settings, and just restore the other parts of the camera back to factory settings.*

Restart device

Clicking **Restart** reboots the camera. It is the same as unplugging the camera and plugging it back in again but is accomplished remotely.

> *Note: When the camera goes offline, such as when using the **Restart** button, the snapshots are deleted if you do not have an SD card.*

If you have an SD card, the information is safe. Many use the **Restart** button as a way to clear the images from their camera quickly.

Others

The basic audio settings are located under the Others section. Use the sliders to adjust the Speaker and the Microphone. You can make the volume higher or lower with these sliders. Sliding to the right makes the volume go higher, and sliding to the left makes it lower.

Speaker refers to the speaker on the camera, not on the microphone you are using to speak. The speaker setting will determine the volume of your voice when it comes out of the camera's speaker.

Mic refers to the microphone that is on the camera. When you make this louder, it increases the sound that you will hear when you are watching a video and listening to what is happening in the surroundings.
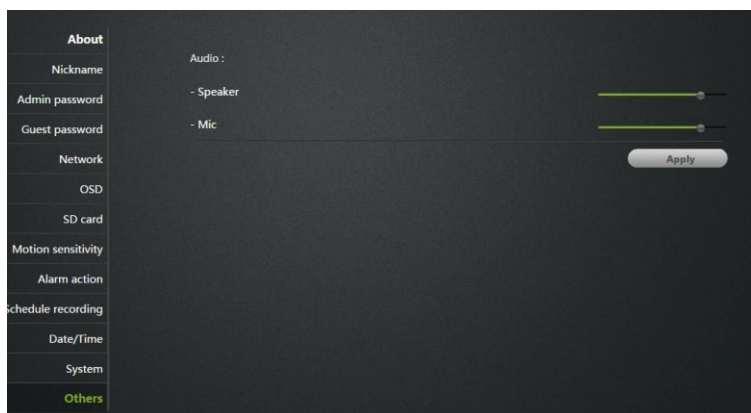
The **Sound** icon is a speaker, which will have a line through it when it is not in operation. By tapping this icon, the line will disappear, and you will be able to listen to what is happening in the room with the camera. To speak through the camera's loudspeaker, tap the **Microphone** icon. The line that is on it will disappear, and then you can start speaking.

If you want to take and save a photo of something that's happening on the screen now, tap the Snapshot icon.

Tapping the **Record** icon will turn it red, followed by an indicator that will flash while the recording is in process. Also, if you leave this screen when you are recording manually, the video recording will stop and the footage will save to the smartphone automatically.

The **Gears** icon will allow you to change the brightness, contract, saturation, and sharpness of the video. You can also choose between day and night settings, or choose auto settings in this section, notifications, alerts, etc.

For the camera resolution, the default is Auto (640*360). You can adjust it to 720P, 360P, 180P, 90P.

Controlling the Camera Movement

Moving the camera using your phone or tablet is easy. When you have a live image on your screen, you can swipe to the right or the left to move the camera in that direction.

You can swipe up and down to move the camera up and down.
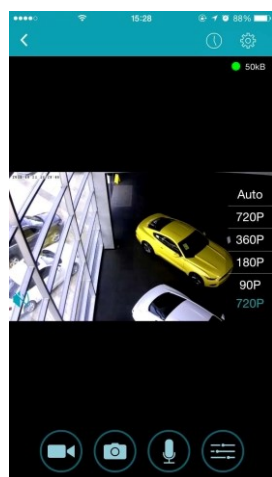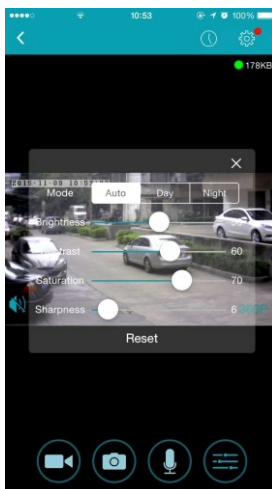
- To zoom in, place two fingers together on the screen and then slide them apart.
- To zoom out (pan), place two fingers further apart on screen and then "pinch" them together.
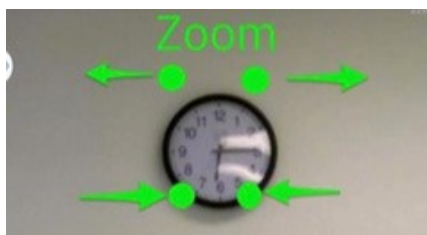
6. Troubleshooting

For the Camera

If the camera is not on, you can try several things:

- Make sure that there is a network connection to the camera.
- Try to restart the network router.
- Check the cable connections on the camera to make sure they are secure.
- Make sure the camera itself is on - the green light will flash every three seconds.
- Restart the camera, or do a long reset. To perform a long reset, hold the reset button for five seconds. This will restore the factory defaults.
- You will also notice three icons located on the lower left part of the home screen:
    - Wrench
    - Plus Sign
    - Refresh Arrow
    - Hide

7.   Technical Support

We take your 100% satisfaction guarantee very seriously and trust
you are completely satisfied with your purchase.

If for any reason you need assistance setting up your camera:

Please contact us by email:
support@vimtag.us

Or call: 1-800.371 .2929

Support hours: Sunday through Friday from 9:00 a.m. Eastern Standard
Time to 5:00 p.m. Eastern Standard Time.

Refer to this manual if you have any questions about the operation of the
camera. If you have other questions, you can always contact our customer
support.

Enjoy your camera!