

User's Guide

TRENDNET<sup>®</sup>



WiFi HD Baby Cam

TV-IP745SIC

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## Product Overview



TV-IP745SIC

### Features

Companion with your baby, pet, or home from any internet connection with TRENDnet's WiFi HD Baby Cam, model TV-IP745SIC. After a brief app-based installation, view exceptional 720p HD video on your Apple® and Android™ mobile devices, tablets, and computers. Calm your baby with the five pre-installed classical lullabies or your own voice using the camera buttons or the free app. See video in complete darkness with night vision up to 7.5 meters (24 ft.). Setup motion, sound, or temperature detection to receive video clips via email.

#### ***App-Based Setup***

Quick App-based setup for Apple® and Android™ devices

#### ***HD Video***

Experience exceptional high definition 720p HD video quality at a full 30 frames per second

#### ***Wide View***

Wide angle (109° dia.) lens let you see all the movements in the room.

#### ***Remote Monitoring***

Live video on your Apple® and Android™ mobile devices, tablets, and computers from any internet connection

#### ***Night Vision***

See your baby in complete darkness with night vision (7.5 m, 24 ft.)

#### ***Two-Way Audio***

Hear from and talk through the camera with the built in microphone and speaker

#### ***Soothing Songs***

Calm your baby with the five pre-installed classical lullabies or your own uploaded voices using the camera buttons or the free app

#### ***Digital Zoom***

Zoom in by a factor of four

#### ***Free Apps***

See live video on a mobile device with free Apple® and Android™ apps

***Motion, Sound, or Temperature Detection Emails***

Receive snapshots and video clips (up to 15 seconds) of detected motion, sound, or temperatures via email

***Recording***

Record video to a Micro SD card (sold separately) or a remote storage device

***Built-in Thermometer***

See real time room temperature on your mobile device

***Cloud Camera***

Easy to find unique cloud address. Automatic delivers video to your phone when changing your connection. (Requires a home wireless network in order to function.)

***Firmware Notification***

Convenient firmware update notifications to mobile device

***Mounting Base***

Adjustable mounting base for flat and vertical surfaces. Included mounting tape for easier wall mount installation.

***Extended Power Cord***

Convenient 3.3 m (10 foot) long power cord provides installation flexibility

**Package Contents**

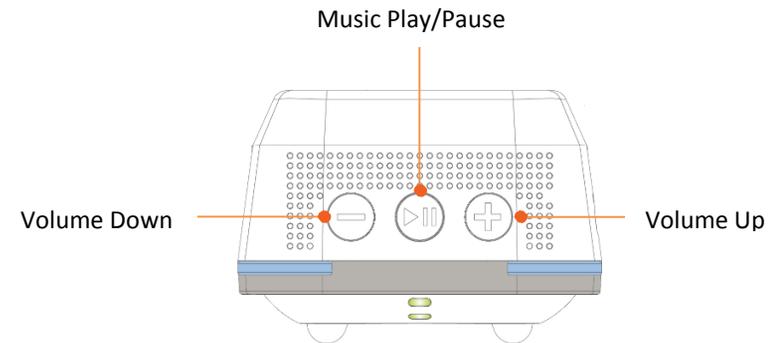
TV-IP745SIC package includes:

- TV-IP745SIC
- Multi-Language Quick Installation Guide
- CD-ROM (Utility and User's Guide)
- Camera mounting accessories
- Power adapter (5V DC, 1A)

*If any package content is missing or damaged, please contact the retail store, online retailer, or reseller/distributor from which the product was purchased.*

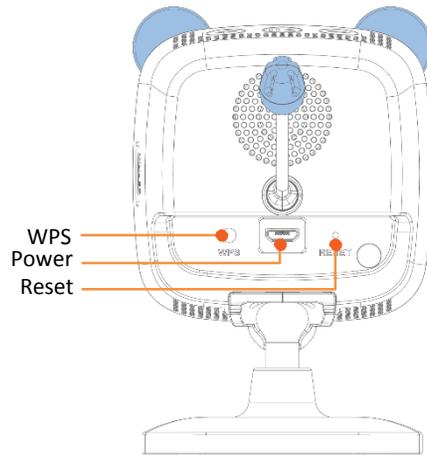
**Front View**

<b>WPS/Direct Connection Indicator</b>	<b>Blink in green:</b> Proceed WPS pairing. <b>Solid amber:</b> <b>Direct Connection</b> is on. <b>Off:</b> WPS and <b>Direct Connection</b> are both off.
<b>System Status</b>	<b>Blue:</b> System is booting up or no wireless connection. The boot up time is about 30 seconds from power on. <b>Solid in green:</b> The system is ready and the <b>Router Connection</b> is established. <b>Blink in green:</b> The video is streaming. <b>Off:</b> The power is off
<b>Ambient Light Sensor</b>	Detects the brightness in the environment and enable day/night modes automatically.
<b>Lens/Sensor</b>	The Lens set and image sensor.
<b>IR LEDs</b>	Infra-red LEDs for night vision.
<b>Microphone</b>	Microphone for two way audio.
<b>Base</b>	Camera base for table top or wall mount installations.

**Top View**

<b>Volume Up</b>	Turns up the speaker volume for two way audio and music playback.
<b>Volume Down</b>	Turns down the speaker volume for two way audio and music playback.
<b>Music Play/Pause</b>	Play music from preloaded music bank or microSD card. You can change the definition in the Web GUI configuration. The default is set to preloaded music bank. Press once again to stop the music play.

## Rear View

**WPS Button**

**WPS:** Push and hold this button for 3 seconds until WPS green indicator blinks to start WPS pairing with your router or AP.

**Direct Connection:** Push and hold this button for 8 seconds until **Direct Connection** amber LED lit/off to turn on/off Direct Connection.

**Power Port**

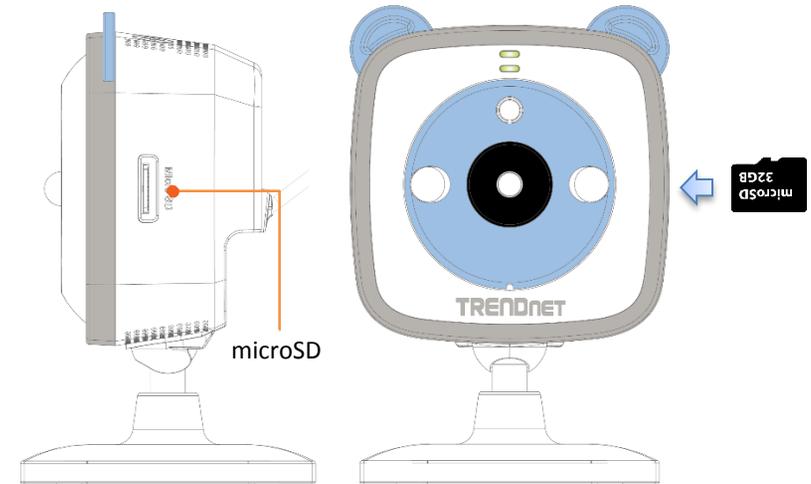
Power socket of camera (5V DC, 1A)

\* Use only the adapter that came with your camera

**Reset Button**

Use a paper clip to push and hold this button for 6 seconds until the **System Status LED** starts blinking in blue to reset your camera

## Side View

**MicroSD Slot**

Insert microSD card to save music or recording video. When you insert the microSD card, please make it facing forward (the gold fingers facing behind) and using up to 32GB certified microSD card.

## Ways of Camera Installation

There are number of factors involved in a successful camera installation. Follow the suggested installation steps and go through the check lists. This guide will help you make your camera installation smoothly and easily.

There are multiple ways to setup and use your camera. The simplest and intuitive installation is setup your camera with TRENDnet CloudView app on Android or iOS mobile devices. If you don't have a mobile device handy, you can still setup your camera through web administration pages with desktop PC. Setup your camera on the spot you are going to place your camera is recommended. With the on site location, you can check whether your wireless connection is good or not using the site survey tool in the camera during camera installation.

Moving camera may change the quality of wireless signal, therefore the video connection. If you move your camera after setup, you may want to go through the installation process again to make sure the wireless connection is good. Once your camera is setup in location and connected to the Internet through the camera configuration steps, secure your camera and power wire carefully with tapes or other materials.

- Camera Installation with the TRENDnet CloudView App. (Page 10 for Android, Page 14 for iPhone or iPad)
- Camera Wireless Installation with WPS button (Page 17)
- Camera Installation with computer. (Page 19 for Windows System, page 23 for Mac computers)
- Camera Wall Mount Instruction (Page 18)

## Plan for installation location

### Viewing angle

The TV-IP745SIC is a high definition, wide angle camera with viewing angle (98° horizontal, 109° diagonal) that provides great coverage and detailed images. Choose the location where has good angle to shoot the image you expect to see. The motion detection area should also be considered when installing the camera.

### Safety

Position your camera safe, so it is not trip off by children or pets. Secure the power cord after installation. Keep the cord out of baby at least 1M (3 feet) when camera is installed beside the crib.

WARNING: This is not a toy. Please leave any age of child out of reach.



## Setup Your Camera with TRENDnet CloudView Mobile App

The video installation guide is also available on the CD comes with the package (in /Manuals folder) or on TRENDnet website. ([http://www.trendnet.com/mobile/743\\_745SIC.html](http://www.trendnet.com/mobile/743_745SIC.html))



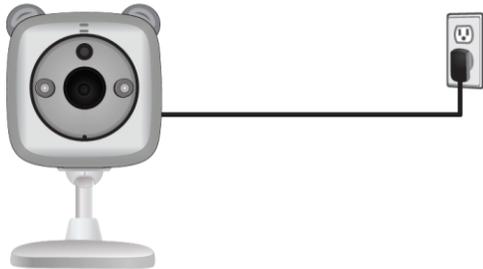
For iPhone or iPad, please go forward to “Install Camera with iPhone or iPad” on page 14

### Install Camera with Android Mobile Devices

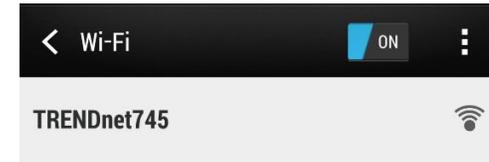
1. Tap on the **Play Store** icon to download and install the TRENDnet CloudView app. Alternatively, scan this QR code to download and install the free TRENDnet CloudView app.



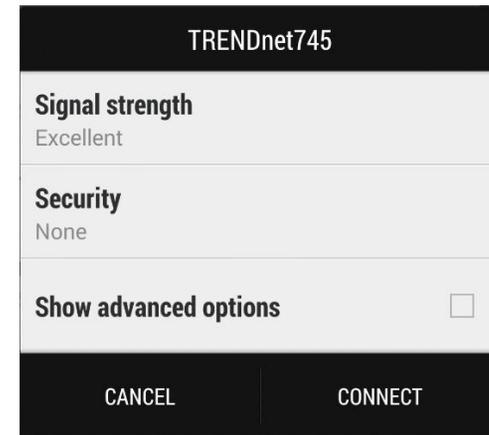
2. Connect the power adapter to the TV-IP745SIC and then plug it in. Wait 30 seconds until the amber light turns on.



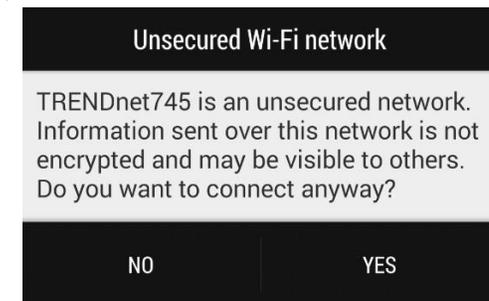
3. Enable the Wi-Fi settings on your Android mobile device and connect to **TRENDnet745**.



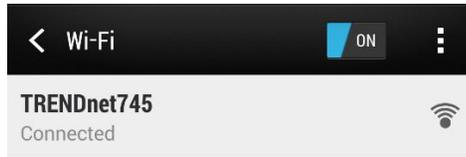
Select **CONNECT**



This unsecured wireless network is just temporary for setup purpose. After camera setup, this Direct Connect wireless will be closed automatically. Select **YES** for now.

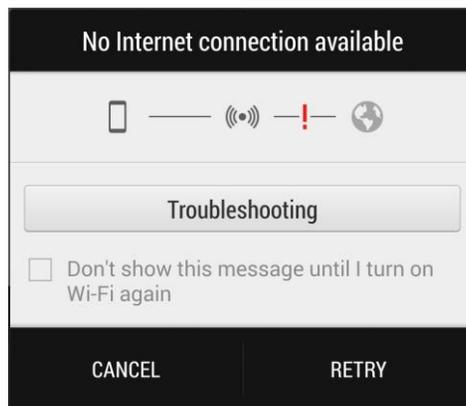


Your phone is connected to the camera with **Direct Connection**.



**Note:**

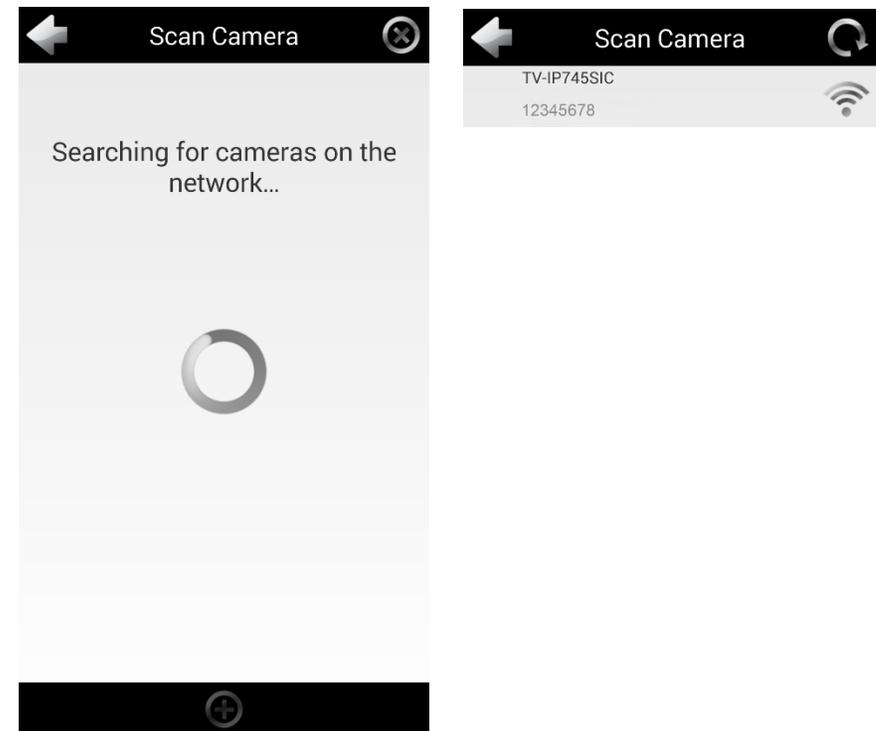
From time to time during the installation, you might get this pop-up message. Just select **CANCEL**. We don't need the internet connection during installation.



4. Open the TRENDnet CloudView app and agree with the terms of use.



5. The TRENDnet CloudView app will start searching for camera automatically. If the search has failed, tap on  to start searching again. Tap  to setup **Router Connection**.



6. Enter the default username and password of **admin** and then click **OK**.

7. Enter the new credential for camera login. Enter username up to 30 letters and numbers and new password. Password must be between 8 and 16 characters. (Alphanumeric: a-z, A-Z, 0-9, !, @, #, \$,%). Tap to save the change.

**Note:**

If the app shows the invalid user name and password, you might send multiple requests to the camera. Tap and log in to the camera with your new user name and password and then keep going next step for camera setup.

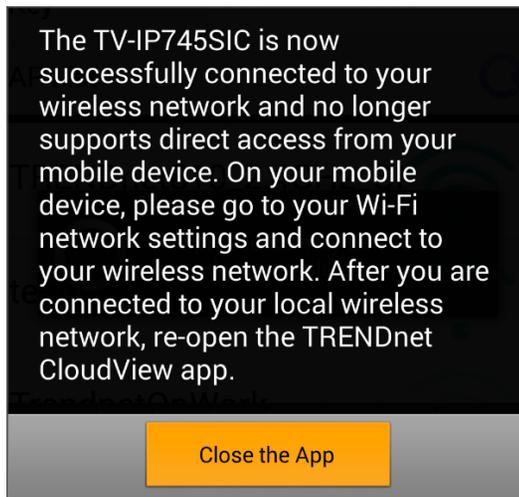
8. The app will start searching available wireless networks automatically. Select your wireless network. Enter the wireless key. And, then tap to save changes.

**Note:**

If your wireless network was not found on the list. Tap to make the search again. It is recommended to connect to the network with more than 2 bars of signal strength for smooth video streaming.



9. Tap **Close the App** to exit the app and reconnect your Android mobile device to your wireless network. The camera will apply the settings and then reboot.

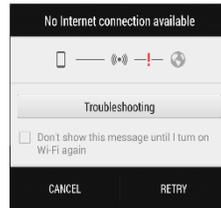


*Note: The **Direct Connection** amber light will be turned off if the **Router Connection** is setting correctly. If the router setting is not correct (miss spelling or bad signal), the **Direct Connection** amber light will keep on. Remove the camera setup in the app and then repeat the installation with above steps again.*

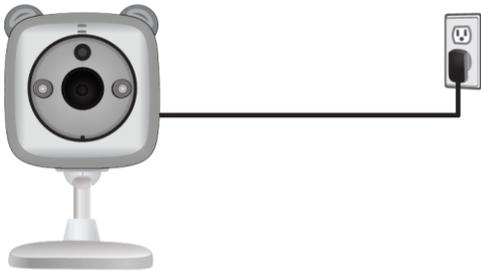
*If the **System Status Indicator** stays in blue. Remove the camera setup on the app. Reset your camera by pushing reset button for 8 seconds until the **System Status Indicator** lights in blue and then setup your **Router Connection** again with above steps.*

## Install Camera with iPhone or iPad

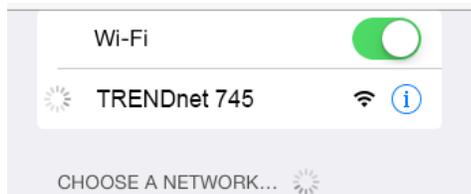
1. Tap on the **App Store** icon to download and install the TRENDnet CloudView app. Alternatively, scan this QR code to download and install the free TRENDnet CloudView app.



2. Connect the power adapter to the TV-IP745SIC and then plug it in. Wait 30 seconds until the amber light turns on.



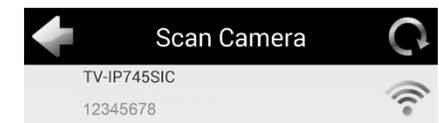
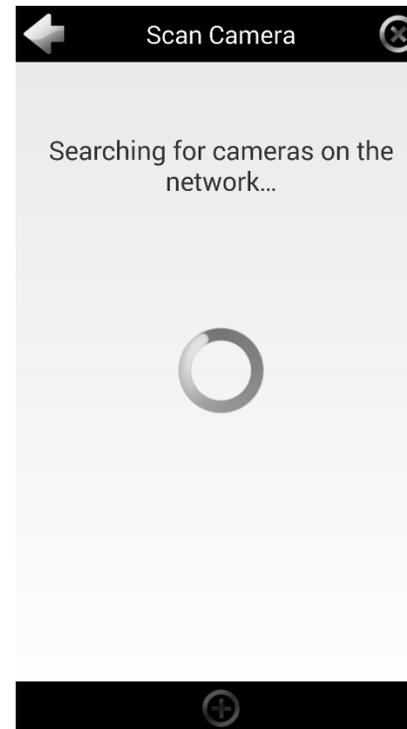
3. Enable the Wi-Fi settings on your iPhone or iPad and connect to **TRENDnet745**.



4. Open the TRENDnet CloudView app and agree with the terms of use.



5. The TRENDnet CloudView app will start searching for camera automatically. If the search has failed, tap on  to start searching again. Tap  to setup **Router Connection**.



6. Enter the default username and password of **admin** and then click **OK**.

Scan Cameras  
TV-IP745SIC  
Set Wireless

Please select the desired camera for viewing

Username  
Password

Cancel OK

7. Enter the new credential for camera login. Enter username up to 30 letters and numbers and new password. Password must be between 8 and 16 characters. (Alphanumeric: a-z, A-Z, 0-9, !, @, #, \$,%). Tap **Done** to save the change.

Cancel Change Password Done

You will only be prompted to do so at the first time log in.

User Name  
boy

Existing Password  
.....

New Password ( Length: 8 ~ 16 )  
.....

Confirm New Password  
.....

8. The app will start searching available wireless networks automatically. Select your wireless network. Enter the wireless key. And, then tap  to save changes.

Wireless Setting 

Model  
TV-IP745SIC

SSID  
MyNetwork

Key

AP List 

OtherNetwork 

MyNetwork 

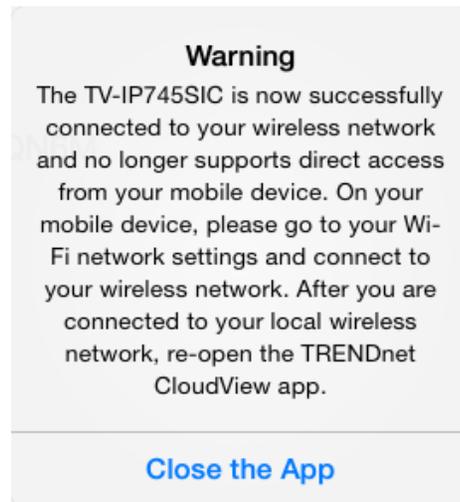
TRENDNET

**Note:**

If your wireless network was not found on the list. Tap  to make the search again. It is recommended to connect to the network with more than 2 bars of signal strength for smooth video streaming.



9. Tap **Close the App** to exit the app and reconnect your iPhone or iPad to your wireless network. The camera will apply the settings and then reboot.



*Note: The **Direct Connection** amber light will be turned off if the **Router Connection** is set correctly. If the router setting is not correct (misspelling or bad signal), the **Direct Connection** amber light will stay on. Remove the camera setup in the app and then repeat the installation with the above steps again.*

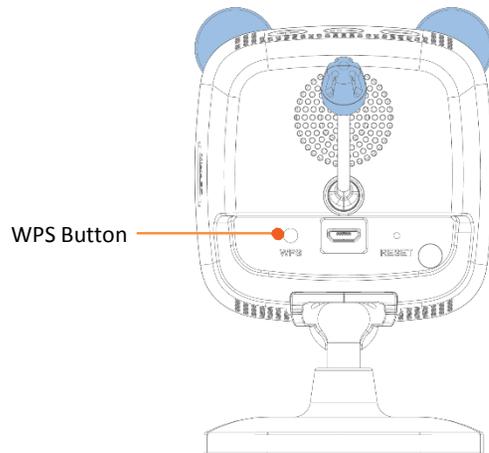
*If the **System Status Indicator** stays in blue. Remove the camera setup from the app. Reset your camera by pushing the reset button for 8 seconds until the **System Status Indicator** lights in blue and then set up your **Router Connection** again with the above steps.*

## Setup Your Camera with WPS Button

### WPS (Wi-Fi Protected Setup)

WPS is the simplest way to setup your camera wireless connection. Simply press the buttons and wait for connection setup.

Enable your WPS pairing on your router by pushing and holding WPS physical button or through web administration. WPS light will indicate the WPS pairing is ongoing. Within the pairing period (usually 2 minutes), press and hold TV-IP745SIC's WPS button (about 3 seconds) until the top WPS light starts blinking in green. Wait for pairing process patiently.



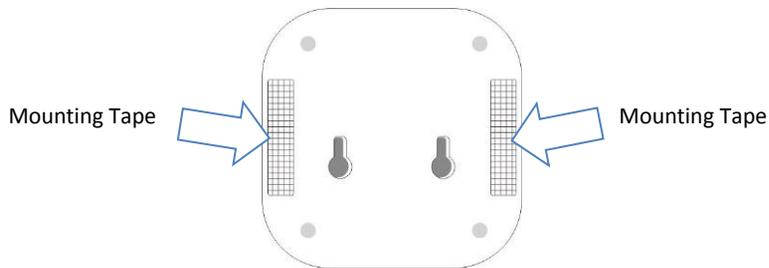
If the WPS pairing setup successful, the camera will reboot (you can see the **System Status Indicator** turns into blue and then boot up, it takes about 30 seconds) and then the **System Status Indicator** will turn into solid green. It means your **Router Connection** is setup correctly and the camera is ready to access.

If the WPS LED blinks quickly and then turned off, that means the WPS pairing session is closed. No successful WPS pairing was done. You can try the WPS pairing again or try other ways to setup your camera.

*\* If the **System Status Indicator** keeps in blue and never turning green, your camera is disconnected on both connections. Push and hold the WPS button 8 seconds until the **Direct Connection** amber light on to turn **Direct Connection** wireless back on. Or, use a paper clip to push and hold reset button for 6 seconds until the LED turns blue. Then, start your camera settings again.*

## Mount your camera on the wall

After camera installation, you can install your camera permanently and securely. You can set up your camera on a cabinet, table or on the wall. Simply put on two mounting tapes included in the package to fix the position on the cabinet or on the wall. (If you mount your camera on the wall with only the mounting tape, please make sure the wall is clean, dust free and always dry. If the surface of the wall is not suitable for mounting tape, please use included wall mount screws to secure your camera.)



The TV-IP745SIC comes with two sets of installation screws. Mark the screw position. Use 1/2 or 7/16 drill to drill holes (about an inch in depth for brick walls). Pull up the camera so to leave the room for temperature sensor. Then simply put on your TV-IP745SIC.

Secure the power line after installation to prevent your kid or pet to be tripped off.



## Access your Camera through the Web Browser

### System Management and Default Settings

It is recommended that you install your camera with the TRENDnet CloudView app. If you don't have an Android device, iPhone or iPad handy, you can access the TV-IP745SIC directly via the web browser from computer.

If you didn't go through the TV-IP745SIC initial setup or you have reset the TV-IP745SIC to factory defaults by pressing and holding reset button for over 6 seconds, your TV-IP745SIC has following settings:

<b>Direct Connection:</b>	The Direct Connection is turned on with no security settings by default. The camera network address is 192.168.30.30
<b>Router Connection:</b>	The Router Connection is turned off by default.
<b>Administrator name:</b>	admin
<b>Administrator password:</b>	admin

If you want to access your camera directly instead of using mobile app, you can follow the steps below to login to your camera. A web browser plug-in must be installed to watch the video.

For Windows system, please go to the next paragraph. For OS X system, please go directly to page 15.

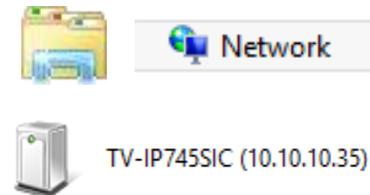
### Log-in to the Camera for the First Time on Windows PC

1. a) If you have a camera with factory default settings. Connect your computer to default **Direct Connection**. Look for TRENDnet745 wireless



station and connect to it. No password required. Open the web browser on your computer. In the address bar, enter the IP address 192.168.30.30, and then press **Enter**.

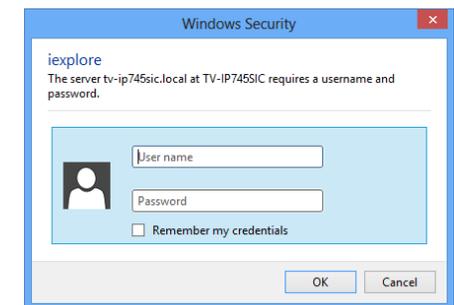
- b) If you have already setup your camera with TRENDnet CloudView app or WPS, connect your computer to you home network and look for the camera by browsing your **Network** in **File Explorer** and then double click



the icon to visit the camera. (If your computer does not configured to find sharing resources, you can reference "Turn on network discovery on Windows" on page 63.) Or, you can find the camera IP address assigned

by your home gateway by visiting home gateway's web management page, and then press **Enter**.

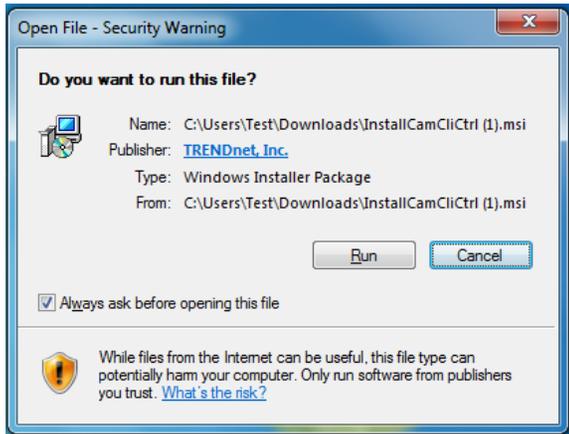
2. Enter the default user name, **admin**, and default password, **admin**, or the user name and password you setup through the installation, and then click **OK**.



- The camera management page will detect if you installed the camera video streaming plug-in or not. Click the link to download the plug-in from the TV-IP745SIC camera.

[Click here to download NCSPugin and install. And then re-open your browser is recommended!!](#)

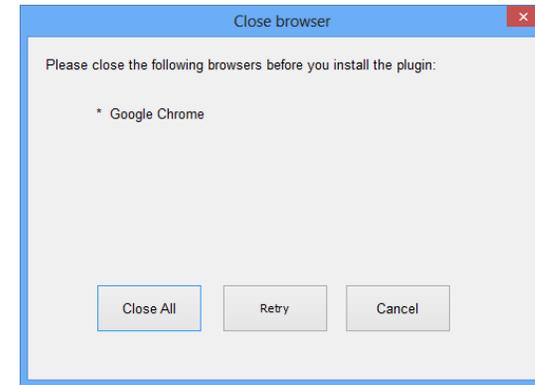
- Click **Run** to install the plug-in.



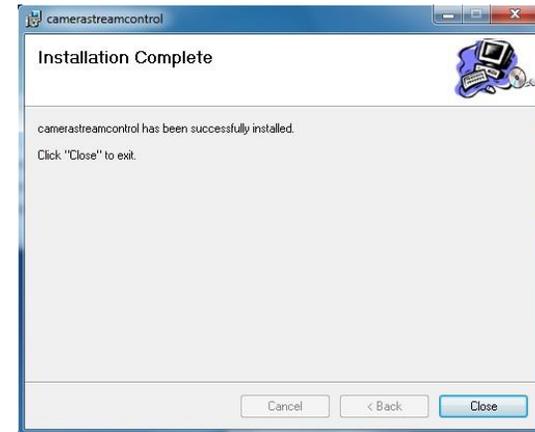
- Click **Next** to start installation.



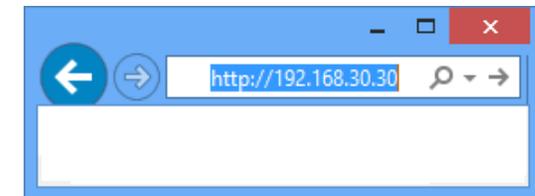
- Close your web browsers by clicking **Close All**.



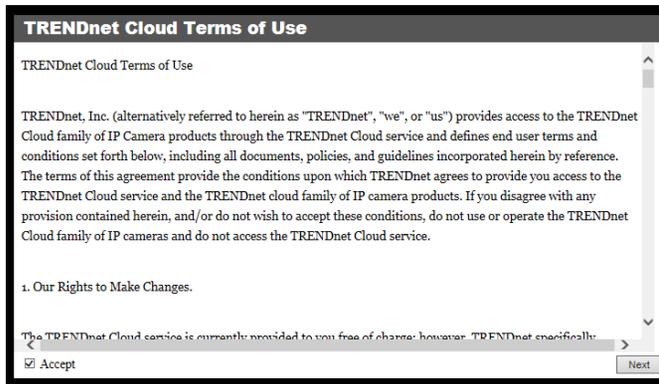
- Click **Finish** to finish the installation.



- Open the browser and login again.



9. (Go to step 11 if you already setup your camera with TRENDnetCloudView). TV-IP745SIC is cloud service enabled. Please review and then check **Accept** to the TRENDnet cloud service term of use. Then click **Next** to continue.



10. Change your administrator login information away from the default. You can change both user name and password.

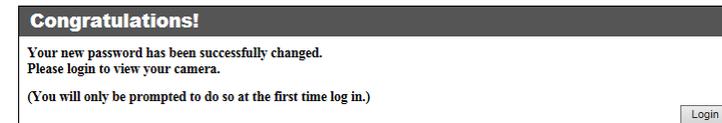
**Admin User Name:** Easy to be remembered name between 1 and 30 letters and numbers. This is the only account which can change the camera settings.

**Old Password:** The default password is admin

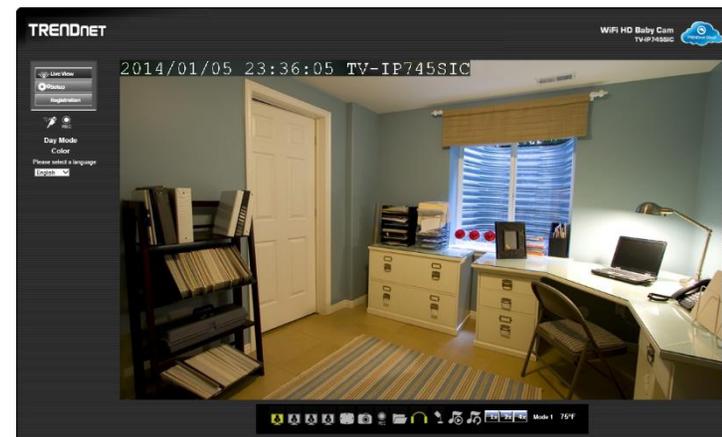
**New Password:** Enter a secured strong password between 8 and 16 characters. (Alphanumeric: a-z, A-Z, 0-9, !, @, #, \$, %)

**Confirm New Password:** Confirm the password again.

- Wait 10 seconds for the system applying the change. Then click **Login**.



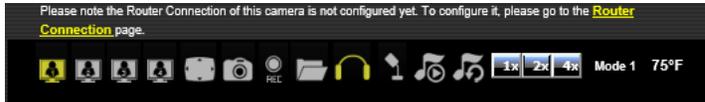
11. Enter your new administrator credential, Live View page will show up and start streaming video.



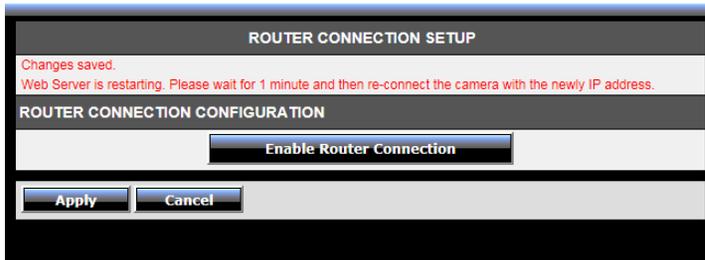
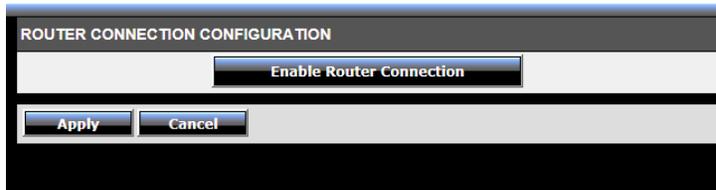
If your camera has not been set up for **Router Connection**. Please keep go on to the next section to set up the **Router Connection**.

## Setup Router Connection with Windows PC

1. Log-in to your camera web management with administrator credential. Then click **Router Connection** on the message under the Live View video.



2. Click **Enable Router Connection**. Then wait one minute for system configuration.



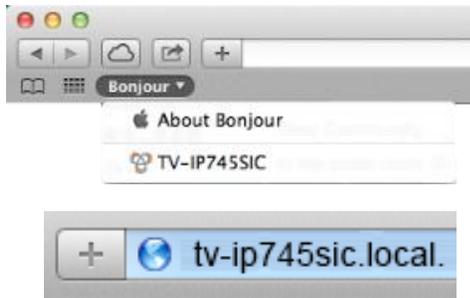
3. The Site Survey field will show **===SSID List===** when the site survey is done. Select your wireless router from the list, enter the wireless key. And, then click **Apply** to apply the change. If you don't see your wireless router listed here, click **Rescan** to do the search again.



## Log-in to the Camera for the First Time with Mac

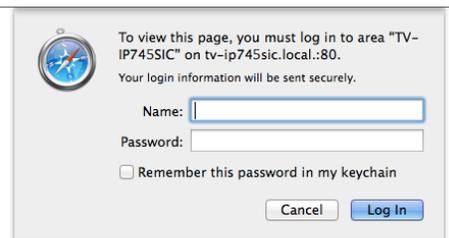
1. a) If you have a camera with factory default settings. Connect your computer to default **Direct Connection**. Look for **TRENDnet745** wireless station and connect to it. No password required. Open the web browser on your computer. In the address bar, enter the IP address 192.168.30.30, and then press **Enter**.

- b) If you have already setup your camera with TRENDnet CloudView app or WPS, connect your MAC to you home network and look for the camera by click on **Bonjour** in **Safari** or enter "**tv-ip745sic.local.**". Bonjour is running on Mac by default. If you cannot see **Bonjour** service on the **Favorites** list,



you can reference "Find Bonjour device quickly with Safari" on page 63. Or, you can find the camera IP address assigned by your home gateway by visiting home gateway's web management page, and then press **Enter**.

2. Enter the default user name, **admin**, and default password, **admin**, or the user name and password you setup through the installation, and then click **Login**.



3. The camera management page will detect if you installed the camera video streaming plug-in or not. Click the link to download the plug-in from the TV-IP745SIC camera.

[Click here to download NCSPlugin and install. And then re-open your browser is recommended!!](#)

4. Click to open the **Camera Stream Control Plug-in**.



5. Click **Open** to start installation.



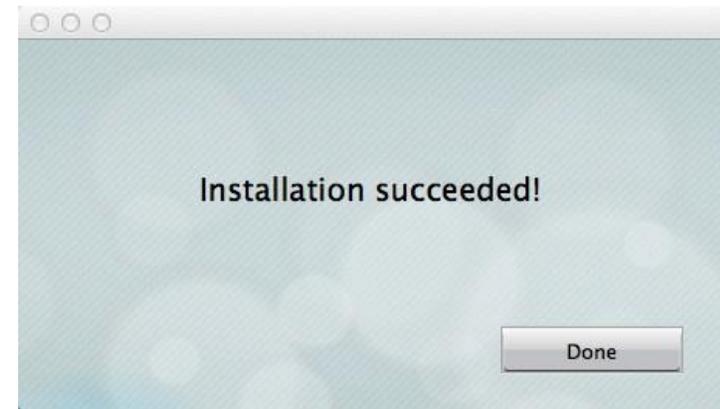
6. Click **Install**.



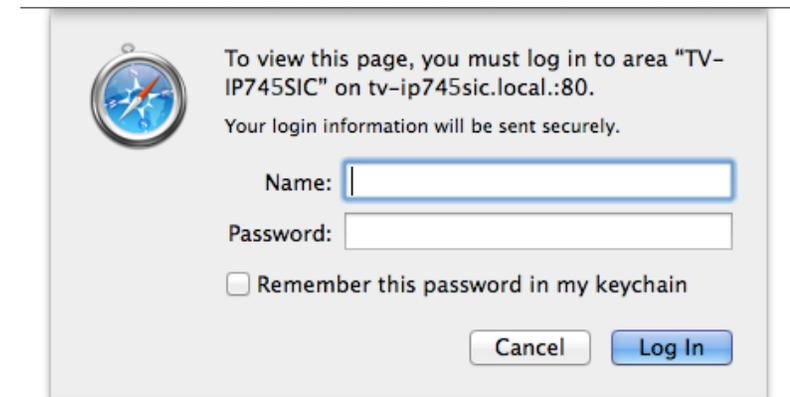
7. The installation will keep running and prompt to close the opened browsers. Click **Close All**.



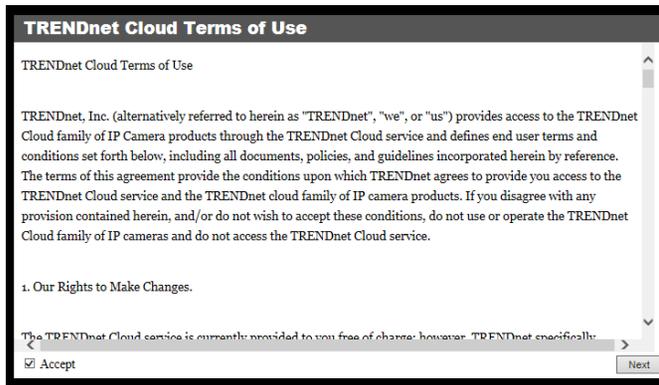
8. The installation is done. Click **Done** to end the installation.



9. Open the browser and login again.



10. (Go to step 11 if you already setup your camera with TRENDnetCloudView). TV-IP745SIC is cloud service enabled. Please review and then check **Accept** to the TRENDnet cloud service term of use. Then click **Next** to continue.



11. Change your administrator login information away from the default. You can change both user name and password.

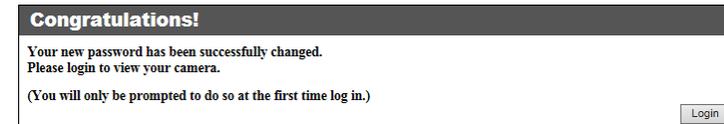
**Admin User Name:** Easy to be remembered name between 1 and 30 letters and numbers. This is the only account which can change the camera settings.

**Old Password:** The default password is admin

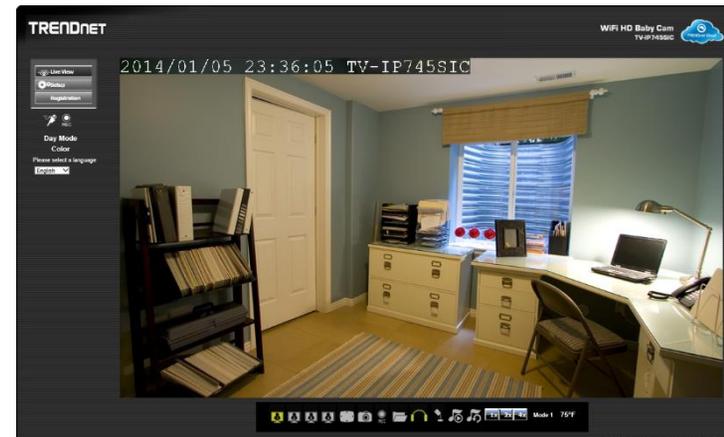
**New Password:** Enter a secured strong password between 8 and 16 characters. (Alphanumeric: a-z, A-Z, 0-9, !, @, #, \$, %)

**Confirm New Password:** Confirm the password again.

Wait 10 seconds for the system applying the change. Then click **Login**.



12. Enter your new administrator credential, Live View page will show up and start streaming video.



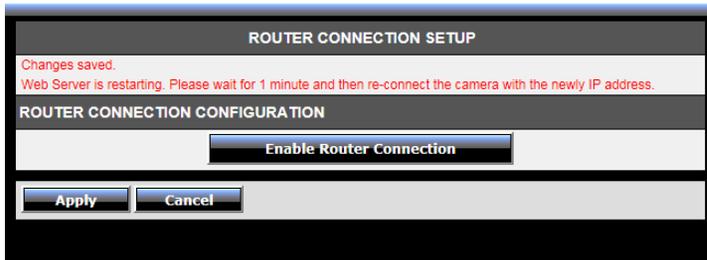
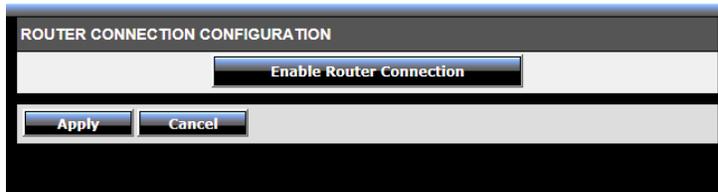
If your camera has not been set up for Router Connection. Please keep go on to the next section to set up the Router Connection.

## Setup Router Connection with Mac

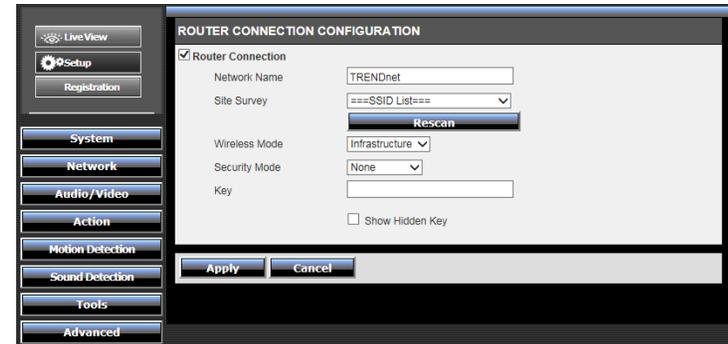
1. Log-in to your camera web management with administrator credential. Then click **Router Connection** on the message under the Live View video.



2. Click **Enable Router Connection**. Then wait one minute for system configuration.



3. The Site Survey field will show **===SSID List===** when the site survey is done. Select your wireless router from the list, enter the wireless key. And, then click **Apply** to apply the change. If you don't see your wireless router listed here, click **Rescan** to do the search again.



## Live View



### Live View

Click this icon anytime to get this Live View page.



### Motion Detection

When motion detection is enabled and the motion event is detected, this icon will blink in green.



### Video Recording

When video is recording, this icon will blink in green.

### Day Mode / Night Mode

This shows the camera is shooting in day mode or night mode. In day mode, the IR LED is off and the image is always taking in **Color** mode. In night mode, the IR LED is on and the video is switching to **Black and White** for better visibility.



### Multi-Language

Change your preferred language anytime.



### Video Stream

Choose one of the four video streams for the Live View. The icon of activated video stream will be shown in green.



### Zoom

Choose one of the four video streams for the Live View. The activated video stream will be shown in green.



### Full Screen Mode

Click this icon the switch to full screen. Press escape key on your keyboard to exit full screen mode.



### File Directory

Click this icon to assign where to save the snapshot pictures and recording videos.



### Snapshot

Click this icon to take a snapshot.



### Video Recording

Click to start or stop video recording.



### Listen

Click to listen (green) from the camera.



### Play Music

Click to play (green) or stop music.



### Repeat Music

Click to repeat (green) music playing.



### Talk

Click to talk (green) through the camera.



### Manual Day/Night

Click to switch day/night mode



### 77°F Temperature

Display the environment temperature around the camera.



### Mode 1 Connection Mode

Display the cloud connection mode.

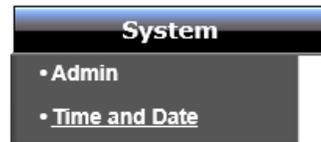
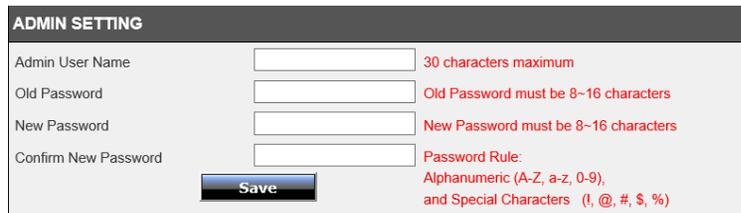
## System Configuration

Click on  to get into system configuration section.

### System

#### Admin - Admin Setting

Setup your administrator and user accounts by selecting **System >> Admin** on the menu.

The image shows a form titled 'ADMIN SETTING' with a dark grey header. It contains four input fields with labels and validation messages:
 

- Admin User Name:** Input field with label 'Admin User Name' and validation '30 characters maximum'.
- Old Password:** Input field with label 'Old Password' and validation 'Old Password must be 8-16 characters'.
- New Password:** Input field with label 'New Password' and validation 'New Password must be 8-16 characters'.
- Confirm New Password:** Input field with label 'Confirm New Password' and validation 'Password Rule: Alphanumeric (A-Z, a-z, 0-9), and Special Characters (!, @, #, \$, %)'.

 A 'Save' button is located at the bottom right of the form.

There is only one administrator can be setup on your TV-IP745SIC camera. The administrator can view and record the video, change camera settings and upgrade camera firmware.

<b>Admin User Name:</b>	Easy to be remembered name between 1 and 30 letters and numbers. This is the only account which can change the camera settings.
<b>Old Password:</b>	The default password is admin
<b>New Password:</b>	Enter a secured strong password between 8 and 16 characters. (Alphanumeric: a-z, A-Z, 0-9, !, @, #, \$, %)
<b>Confirm New Password:</b>	Confirm the password again.

**Save:** Click **Save** button to save the changes

#### Admin - User Accounts

You can setup up to 20 users to access your camera's video stream with a web browser or real time video stream (RTSP). Enter the new user name and password, then click **Add** to add a user. Click on **User List** to see all users on the list. Choose the user on the list, then click **Delete** to remove the user from the list.



The image shows two sections of the web interface. The top section is titled 'ADD USER ACCOUNT' and contains three input fields: 'User Name', 'New Password', and 'Confirm New Password'. Each field has a validation message: '30 characters maximum' for User Name and Password, and 'Password Rule: Alphanumeric (A-Z, a-z, 0-9), and Special Characters (!, @, #, \$, %)' for Confirm New Password. An 'Add' button is located below the fields, with a '20 users maximum' warning next to it. The bottom section is titled 'USER LIST' and contains a 'User Name' dropdown menu with a 'Delete' button next to it.

### Admin - Authentication

By default, all accesses to the camera are password protected. If you want to open the video stream to the public or leave camera configuration opened as well, you can un-check the item you want for open access without authentication.

**AUTHENTICATION**

RTSP Authentication

HTTP Authentication

Snapshot URL Authentication  
(<http://10.10.10.8/image/ipeq.cgi>)

**Save**

**RTSP:** TV-IP745SIC's video stream can be accessed directly with RTSP, Real Time Streaming Protocol. Only the administrator and users on the list can see this video stream. Un-checking this box will allow everyone access to this video stream without authentication. Default: checked.

**HTTP:** TV-IP745SIC can be accessed via password protected web management interface. Un-checking this box will allow anyone to access this camera and change its settings. Default: checked

**Snapshot URL:** TV-IP745SIC has a password protected snapshot URL link. Un-checking this box will allow anyone see the snapshot. Default: checked

**Save:** Click **Save** button to save the changes

### Admin - Device Setting

The default device name showed on the network and on the video (On Screen Display, OSD) is **TV-IP745SIC**. Change this names so you can easily identify the video is from which camera. It is useful when watching multiple live view videos as well as playing back from recording.

**DEVICE SETTING**

Camera Name  36 characters maximum

On-Screen Display(OSD)

Label  20 characters maximum

Time Stamp

Temperature Real Time Display

Temperature Unit  \*F  \*C

LED light

**Save**

**Camera Name:** Name of the camera. The camera name setup here can be discovered by other network camera software. The default value is the model number: TV-IP745SIC

**On Screen Display (OSD):** Check this box if you want to show the time and camera information on the video. You can change the **Label** name or clear the name if you don't want to show any name. Check the **Time Stamp** if you want to show the camera time. Select the temperature scales if you want. **Temperature Real Time Display:** Check this box to display real time temperature on the video. **Temperature Unit:** Select the Fahrenheit or Celsius temperature scale here.

**LED Light:** The LED lights on TV-IP745SIC shows the system status by default. You can set the lights off or make it constant blinking.

Power/Link  
Off  
Blinking

**Save:** Click **Save** button to save the changes

## Admin - Time and Date

The accuracy of the system clock is important for scheduling, logging and display on video. You can synchronize the system time with your computer, or automatically check the time accuracy with a network time server (NTP server).

### Time Configuration

**Time Zone:** Select the time zone of the country you are currently in. The TV-IP745SIC will set its time based on your selection.

**Enable Daylight Saving:** Check this box if there is daylight savings in your time zone. Select **Auto Daylight Saving** if you setup the NTP server. The camera time will be adjusted automatically. Select **Set DST Manually** if the automatic daylight saving adjustment does not meet your need. Enter the date and time daylight savings starts and ends and choose the day light savings offset time.

### Automatic Time Configuration

**Synchronize with Network Time Protocol Server:** Check this option to synchronize the camera time with network time server.

**NTP Server:** Specify a time server (NTP server) to synchronize with. (e.g. pool.ntp.org)

**Set NTP Server with DHCP:** Select this option if you want the date and time settings from the NTP Server that is configured to run in collaboration with the DHCP server on your local network

### Set Date and Time Manually

**Sync with Computer Time:** Check this button to copy the time from your computer.

**Apply:** Click **Apply** button to apply the changes

## Network

### Network - Network

Setup your basic network settings on this page.  
Click **Network >> Network** on the menu.



### IPv4 Settings

<b>DHCP Connection:</b>	Select this option to receive IP address from DHCP server automatically.
<b>Static Address:</b>	Select this option to setup static IP for the camera.
<b>IPv4 Address:</b>	IP address of TV-IP745SIC.
<b>Subnet Mask:</b>	Network range of the subnet.
<b>Default Gateway:</b>	The default route going out from TV-IP745SIC subnet.
<b>Primary DNS:</b>	Enter the primary DNS server address.
<b>Secondary DNS:</b>	Enter the secondary DNS server address.
<b>Search Domain:</b>	(Optional) Enter the network domain name here.

<input checked="" type="radio"/> Static IP Address	
IPv4 Address	<input type="text" value="192.168.10.30"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
Default Gateway (Router)	<input type="text" value="192.168.10.1"/>
Primary DNS	<input type="text"/>
Optional Secondary DNS	<input type="text"/>
Optional Search Domain	<input type="text"/>

### Port Settings

<b>HTTP Port:</b>	The default web access port. You can change the port number. The default port number is 80.
<b>RTSP Port:</b>	The Real-Time Streaming Protocol port for video streaming. You can change the port number here. The default port number is 554

### UPnP

<b>UPnP:</b>	Check this box to enable UPnP connection.
<b>UPnP Port Forward:</b>	Check this box to enable UPnP port forward.

### Apple

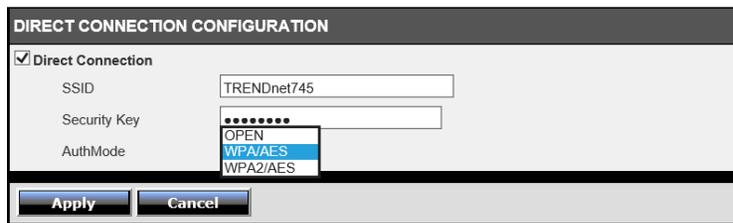
<b>Bonjour:</b>	Check this box to enable Bonjour resource discovery
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**Apply:** Click **Apply** button to apply the changes

**Drop:** Click **Drop** button to drop the changes

**Network - Direct Connection**

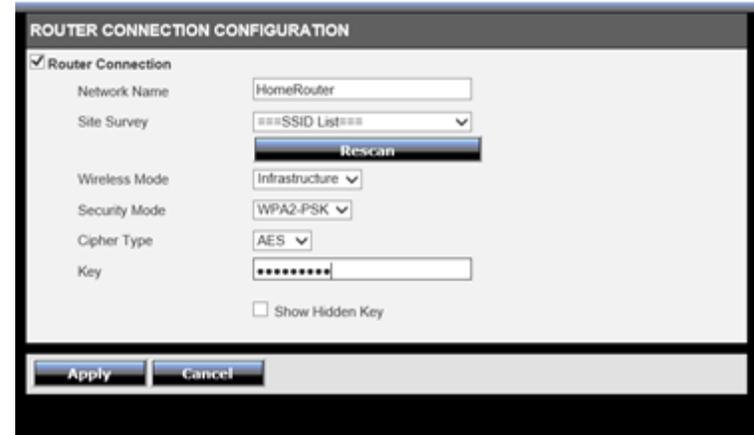
The TV-IP745SIC has two wireless connections: **Direct Connection** and **Router Connection**. The **Direct Connection** is turned on by default for device setting and will be closed once the setup is done. Access your camera through router gives you the flexibility in accessing the camera locally and remotely. You may want to access the camera directly without wireless router again in some special occasion, such as on a trip. Enable the **Direct Connection** again by checking the box here (or press the WPS button for 8 seconds until the amber LED light turns on) and setup a strong wireless encryption to prevent unauthorized access. The **Direct Connection** amber light will be on.



- Direct Connection:** Check this box to enable the **Direct Connection**. The **Direct Connection** amber light will be on after setup.
- SSID:** Service Set Identifier. The default SSID is **TRENDnet745**. You can change it to a meaningful text to you.
- Security Key:** Setup the wireless encryption security key.
- Auth Mode:** Select the authentication mode: open, WPA/ AES, and WPA2/AES, WPA2/AES is suggested as the strongest wireless encryption.

**Network - Router Connection**

The **Router Connection** is turned off by default. It will be turned on and setup connection during installation.



- Router Connection:** Un-check this box will turn off the **Router Connection**. Please make sure that your **Direct Connection** is on. Otherwise, leave this box checked.
- Network Name:** The wireless router SSID you are connecting to.
- Site Survey:** A list of available wireless networks. Click **Rescan** to renew the list. Click on **===SSID List===** to see the list.
- Wireless Mode:** The Router Connection is working in Wi-Fi infrastructure mode
- Security Mode:** Select the security mode: None, WEP, WPA/ PSK, and WPA2/AES to match the wireless router setting.
- Cypher Type:** Select the cypher type: TKIP or AES to match the wireless router setting.

**Key:** Setup the wireless encryption key.

**Show Hidden** If you are typing the key, you can check this box to

**Key:** confirm what did you just typed here.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

### Network - Dynamic DNS

Dynamic Domain Name Service, DDNS, allows you to find your camera from the Internet with an easy to remember domain name. Your TV- IP745SIC is a cloud camera. You've already have the free cloud relay and naming resolution for you. If you want to disable the cloud service and setup your own network name resolution, you can set it up here.

**Enable:** Check this box to enable dynamic DNS service.

**Server** Select one of the dynamic DNS service.

**Address:** Select DDNS Server  
NO-IP.com  
Dyn.com

**Host Name:** Enter your registered host name on selected DDNS service.

**User Name:** Enter the account name.

**Password:** Enter the password.

**Confirm** Enter the password again.

**Password:**

**Timeout:** Setup the timeout value in minutes for each update.

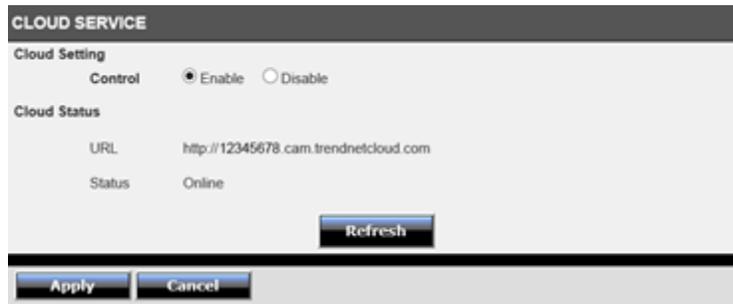
**Status:** Show the dynamic DNS status.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

### Network - Cloud Service

TRENDnet cloud service is a free connection service. It is the easiest way to look for your camera and stream video where Internet is available.



The screenshot shows a web interface titled "CLOUD SERVICE". It is divided into two sections: "Cloud Setting" and "Cloud Status".

- Cloud Setting:** Contains a "Control" section with two radio buttons: "Enable" (which is selected) and "Disable".
- Cloud Status:** Contains two rows of information: "URL" with the value "http://12345678.cam.trendnetcloud.com" and "Status" with the value "Online".

At the bottom of the "Cloud Status" section is a "Refresh" button. At the very bottom of the interface are two buttons: "Apply" and "Cancel".

---

#### Cloud Setting

**Control:** Enable or disable the cloud service. Default: enabled

---

#### Cloud Status

**URL:** Use this string to access your camera where Internet is available.

**Status:** This is the cloud service status.

---

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

## Audio/Video

### Audio and Video

Setup your audio and video format by selecting **Audio/Video >> Audio and Video** on the menu.



VIDEO PROFILE 1						
Encode Type	Resolution	FPS	Encode Method	bps	RTSP URL	
H.264	1280x720	30	CBR	4 Mbps	play1.sdp	
VIDEO PROFILE 2						
Encode Type	Resolution	FPS	Encode Method	bps	RTSP URL	
H.264	640X352	10	CBR	1 Mbps	play2.sdp	
VIDEO PROFILE 3						
Encode Type	Resolution	FPS	Encode Method	Quality	RTSP URL	
JPEG	640X352	5	Quality	Good	play3.sdp	
VIDEO PROFILE 4 (FOR MOBILE DEVICE ONLY)						
Encode Type	Resolution	FPS	Encode Method	bps	RTSP URL	
MPEG4	320X176	5	CBR	384 Kbps	3gpp	

You can setup up to 4 video profiles on your TV-IP745SIC. You can also setup the video format, quality, RTSP access URL name with the balance of picture quality and available bandwidth.

- Profile 1: The default live view video stream
- Profile 2: Set for video capturing
- Profile 3: Set for picture snapshot
- Profile 4: Set for mobile device

**Encode Type:** Choose appropriate and available picture encoding type for the profile. JPEG is for still image, MPEG4 for video, and H.264 for best streaming quality.

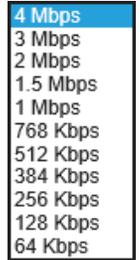


**Resolution:** Choose the size of the picture is taking. Higher resolution results better picture quality and requires more bandwidth and storage space at the same time.



**FPS:** Choice the frame rate per second. The selectable options are 1, 2, 3, 5, 6, 10, 15 and 30.

**Encode Method:** Select the priority of image encoding. **CBR**(Constant Bit Rate): This selection will consider the video stream bandwidth first. Set the bandwidth in the next bps field to match to your allocated bandwidth.



**Quality:** This selection will consider the picture quality first and may delay for real-time video streaming when the network traffic is congested. Select the picture quality in the next bps field.



**RTSP URL:** These URLs are for direct RTSP access. You can find the default URL path here. And, you can customize the name here as well.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

**Audio/Video - Day/Night Mode**

Choose when you want to switch the day/night mode to get the best video quality, auto, scheduled, or manual.

DAY/NIGHT MODE	
Day/Night Mode	Auto
Sensitivity Level	-2

**Day/Night Mode:** Choose how to switch the camera Day/Night mode.

**Auto:** Switching depend on environment luminance level. You can change the sensitivity level in the section.

**Manual:** You can switch day/night mode on **Live View** manually.

**Always day mode:** Fixed on the day mode.

**Always night mode:** Fixed on the night mode.

**Schedule:** Setting day/night switching by specifying what is the day period.

Day Time: From 6 : 0 to 18 : 0

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

**Audio/Video - Audio Setup**

Enable, disable, and adjust the volume and sensitivity of the speaker and microphone on your TV-IP745SIC. Both features are enabled by default.

AUDIO SETUP	
<input checked="" type="checkbox"/> Speaker	
Volume	50
<input checked="" type="checkbox"/> Microphone	
Volume	50

**Speaker:** Check this box to enable speaker on the camera. Select volume from 10 to 100 and then click **Apply** to apply the change. Default: checked, volume: 50.

**Microphone:** Check this box to enable microphone on the camera. Select sensitivity from 10 to 100 and then click **Apply** to apply the change. Default: checked, volume: 50.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

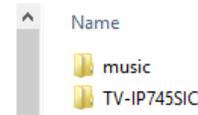
**Audio/Video - Music Player**

There are two music banks designed on your TV-IP745SIC camera, **Preloaded** and **microSD**. Navigate to **Action > Music Player**, you can view and play your music here. You have to save your customized music in **/music** folder (case sensitive) and it accepts only MP3 format of sound recording or music. (Store music in subfolder under /music cannot be found by the camera.)

MUSIC PLAYER			
Preloaded	<a href="#">music/</a>		
microSD	<a href="#">music/</a>	SD Status : SD Card Invalid	
Name	Size	Action	
Brahms_Lullaby	615	<b>Play</b>	<b>Stop</b>
Moonlight_Sonata	4,800	<b>Play</b>	<b>Stop</b>
Nocturne_Opus_9	3,144	<b>Play</b>	<b>Stop</b>
Piano_Sonatas_No11	1,690	<b>Play</b>	<b>Stop</b>
Prelude_and_Fugue...	1,923	<b>Play</b>	<b>Stop</b>
Total : 0 KB, Used : 0 KB, Free : 0 KB			

MUSIC PLAYER			
Preloaded	<a href="#">music/</a>		
microSD	<a href="#">music/</a>	SD Status : Ready	
Files per Page:	20	<b>Refresh</b>	Pages: 1 of 1
Name	Size	Action	
<a href="#">Banco de música</a>	2,130	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Banque de musique</a>	2,130	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Mama_Sing</a>	1,928	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Music Bank</a>	2,130	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Music_1</a>	1,483	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Musikdatenbank</a>	2,130	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Papa_Sing</a>	2,206	<b>Play</b>	<b>Stop</b> <b>Delete</b>
<a href="#">Банк мелодий</a>	2,873	<b>Play</b>	<b>Stop</b> <b>Delete</b>
Total : 31,163,008 KB, Used : 20,608 KB, Free : 31,142,400 KB			
Upload Musics	<input type="text"/>	<b>Browse...</b>	<b>Upload</b>
The music file size should be less than 10M.			

Removable Disk (F:)



**Preload/ microSD:** This is the current file path name. **music/** displayed here as the root folder. Click on the **music/** beside **Preload** or **microSD** to choose the music bank. Music saved other than this folder or with different format will not be displayed.

**SD Status:** Display the microSD card status. When the card is ready to use, it will show **Ready**. Click **Refresh** to update the status when necessary.

**Files per Page:** Select how many files and folders you want to display on a single page.

**Page:** The number of page you are currently you on. Choose the page number from pull down menu to quickly navigate to the file you want.

**Name:** The file name of the music. Click on the file the file will be downloaded.

**Size** The file size.

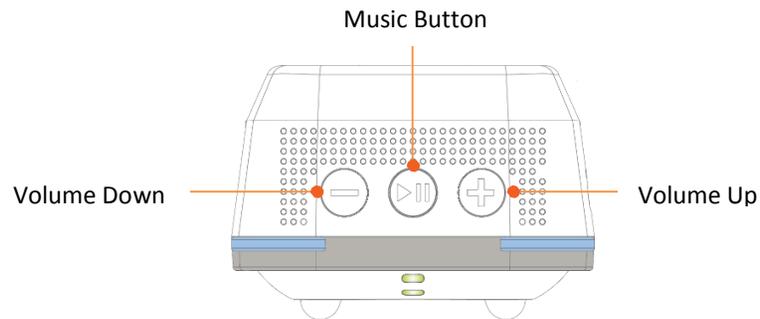
**Action:** Click on **Play** to paly the music, **Stop** to stop the music, and **Delete** to remove the file from the microSD card.

**Total:** The total storage statistics shows only the microSD information despite which music bank you choose.

**Upload:** Select the MP3 music file from your computer, then click Upload to upload music. The file size should be less than 10MB.

**Action - Music Button**

The music play/stop button on top of the camera can be programmed with different behavior. The factory default sets it to play/ stop play preloaded music. You can change the music bank from preloaded system bank to customized microSD bank. You can also disable this button so the music will not start or stop by this button. Click **Apply** to apply the changes and click **Cancel** to drop the changes.



MUSIC BUTTON	
<input checked="" type="checkbox"/> Enable	
Music Bank	Preloaded
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

**Enable Music Button:** Check this box to enable music button. Default: Enabled.

**Music Source:** Select the music bank you want to play when pressing the music button. Default: preloaded music.



**Apply :** Click **Apply** button to apply the changes

**Cancel :** Click **Cancel** button to drop the changes

**Audio/Video - Image Setup**

The live video will be showed up, you can see how the video image adjusted while you are changing the numbers. Adjust the image quality, lightness, and color settings here. The adjusted settings will be saved automatically. If you want to reset the images settings to factory default, please click **Reset to Default**.

LIVE VIDEO			
IMAGE SETTINGS			
Brightness	50	Saturation	50
Contrast	50	Hue	50
Black and White	<input type="checkbox"/>	Mirror	<input type="checkbox"/>
Flip	<input type="checkbox"/>	Frequency	Auto
White Balance	Auto	Slow Shutter	1/15 second
<input type="button" value="Reset to Default"/>			

**Brightness:** Set the number between 0 and 100 to adjust the image brightness. Default: 50

**Contrast:** Set the number between 0 and 100 to adjust the image contrast. Default: 40

**Mirror:** Mirror the image horizontally

**Light Source:** Select the scene you want to shoot is indoor or outdoor to get the best light compensation. Default: Indoor. (This camera is an indoor camera. The camera itself should be installed indoor.)



**White Balance:** Select the white balance to be adjusted automatically or not. Default: Auto.

**Saturation:** Set the number between 0 and 100 to adjust the color saturation. The greater number means the color will be more saturated. Default: 100

**Black and White:** Check this box to make the video black and white only. Default: Unchecked

**Flip:** Flip the image vertically

**Frequency:** This is the base frequency for the video refresh rate. It is recommended to set to the same frequency of your local video standard (NTSC: 60, PAL: 50). Default: Auto.

Auto  
50Hz  
60Hz

**Slow Shutter:** Adjust this value for exposure time for each picture. You can choose a value between 1/15 second to 1/3.75 second. Disable the slow shutter will set the exposure time to 1/30 second. The show shutter is default enabled and the value is 1/15 second.

Disable  
1/15 second  
1/10 second  
1/7.5 second  
1/3.75 second

**Reset to Default:** Click this button to restore values in this page to factory default settings.

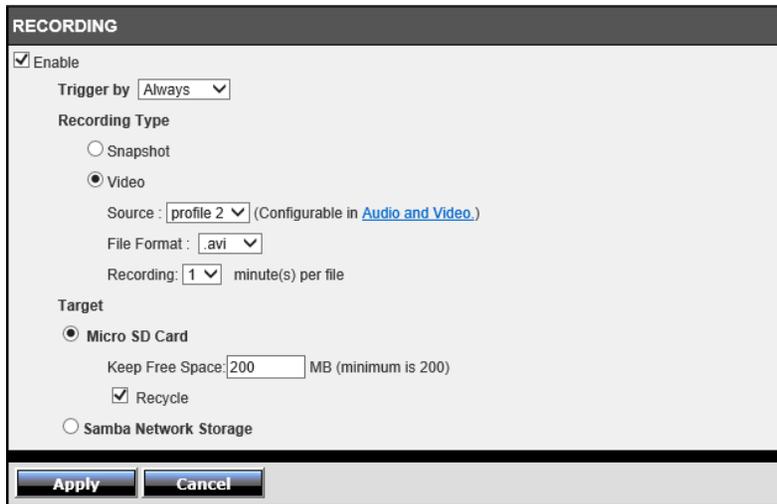
## Action

You can record video and make snapshots automatically by set up actions in this section. 3 types of recordings are defined here: a) **Recording**: Record video or snapshots to microSD card, Windows share folder, or NAS SMB/CIFS network folder. b)

**Video Clip**: Recording video and send to FTP or email. c) **Snapshot**: Taking snapshot and send to FTP or email. Clicking **Action** and then go the section to setup the action you want.

### Action - Recording

Check **Enable** to enable video recording and setup details in each section. Click **Apply** to apply the changes and click **Cancel** to drop the changes.



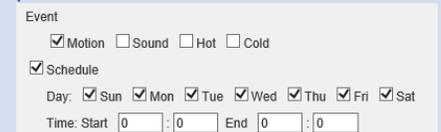
### Triggered by

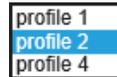
**Always:** (Default) Always recording the video.

**Schedule:** Choose Schedule to record video to in the same repeating scheduled time.



**Event:** Choose the event you want to the recording triggered by. You can choose from motion detection, sound detection, hot (high temperature alert), and cold (low temperature alert). If you choose multiple events, any selected event can trigger the video recording. You can also limit the event triggered recording happening in certain period of time.



**Recording Type****Snapshot:** Recording snapshot**Video:** Recording video**Source:** Profile 2. You can change the video profile detail on profile 2 for the recording.**File Format:** Choose the file format between mp4 or avi.**File Size:** Choose recording minute(s) per file between 1 and 6 to adjust the file size.**Target**

**microSD Card:** Save recordings on microSD card on the camera. You have to leave at least 200MB for system usage. If you want to limit the size of recording and leave some space for the music files. Enter the size of the space you want to use other purpose. The camera will use up all other available space for recording. Check **Recycle** if you want to overwrite the old files when the storage space is full. If you uncheck this option and when the storage is full, the camera cannot save any recording to the card.

**Micro SD Card**Keep Free Space:  MB (minimum is 200) Recycle**Samba Network Storage:**

Enter the detail of your Windows or NAS SMB/CIFS share folder information to save the recorded video.

- **Server Address:** Enter the share folder PC's or NAS's IP address.
- **Anonymous:** Select **Anonymous** if anonymous account is enabled. Select **Account** if the shared folder is password protected and then enter the user name and password.
- **Share Folder:** Enter the shared folder name.

- **Sub Folder:** Enter a sub folder name if you want to save your files in the same sub folder. Or, you can leave it blank to save files under shared folder.
- **Quota:** You have to leave at least 200MB for system usage. If you want to limit the size of recording and leave some space for the music files. Enter the size of the space you want to use for other purpose. The camera will use up all other available space for recording.
- **Recycle:** Check **Recycle** if you want to overwrite the old files when the storage space is full. If you uncheck this option and when the storage is full, the camera cannot save any recording to this storage.

**Samba Network Storage**

Server Address

Anonymous  
 Account

Share Folder

Sub Folder

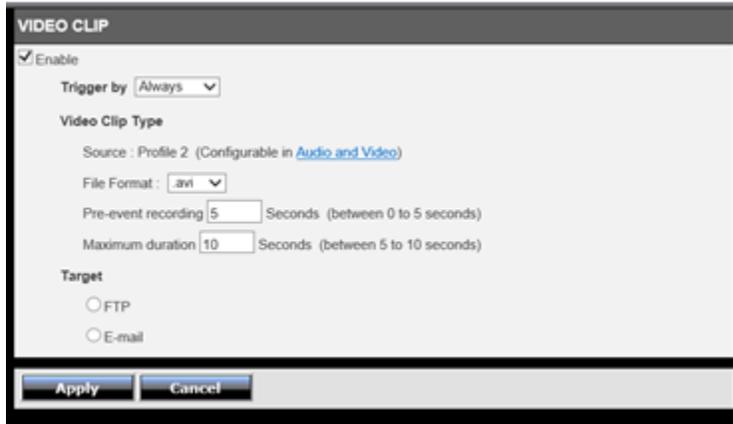
Keep Free Space:  MB (minimum is 200)

Recycle

**Apply:** Click **Apply** button to apply the changes**Cancel:** Click **Cancel** button to drop the changes

**Action - Video Clip**

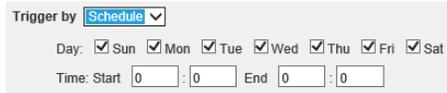
Check **Enable** to enable video clip recording and setup details in each section.  
Click **Apply** to apply the changes and click **Cancel** to drop the changes.



**Triggered by**

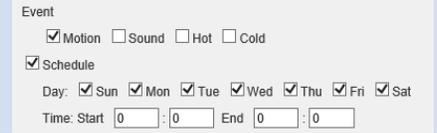
**Always:** (Default) Always recording the video.

**Schedule:** Choose Schedule to record video to in the same repeating scheduled time.



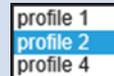
**Event:** Choose the event you want to the recording triggered by. You can choose from motion detection, sound detection, hot (high temperature alert), and cold (low temperature alert). If you choose multiple events, any selected event

can trigger the video recording. You can also limit the event triggered recording happening only in scheduled period of time.



**Video Clip Type**

**Source:** Profile 2. You can change the video profile detail on profile 2 for the recording.



**File Format:** Choose the file format between mp4 or avi.



**Pre-event Recording:** Choose value between 1 and 5 to include the recording before the event happened. Default: 5 seconds.

**Maximum Duration:** Specify the video clip recording time 5 - 10 seconds (including pre-event recording). Default: 10 seconds.

## Target - FTP

FTP

FTP Server

Port

User Name

Password

Path

Filename Prefix

Interval  Seconds (range 60 to 86400 seconds)

Passive Mode

**Test**

## FTP

**FTP Server:** Enter the FTP server IP address.

**Port:** Enter the service port number of the FTP Server. Default: 21

**User Name:** Enter the **User Name** if the FTP server requires authentication.

**Password:** Enter the password of the FTP account.

**Path:** Enter the password again to make sure the password was entered correctly.

**Filename Prefix:** Assign file name prefix for easier file management.

**Interval:** The upload interval. Change the value to specify how often the camera will upload the files. Default: every 300 seconds (5 minutes)

**Passive Mode:** FTP Passive mode

**Test:** Click this button to test the FTP server connection.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

## Target - E-Mail

E-mail

Recipient E-mail Address

SMTP Mail Server

Port  (range 1 to 65535)

User Name

Password

Sender E-mail Address

Interval  Seconds (range 60 to 86400 seconds)

Use SSL-TLS

**Test**

## E-Mail

**Recipient E-Mail:** Enter receiver's e-mail address.

**SMTP Mail Server:** The sender's outgoing email server address.

**Port:** Service port number for outgoing email.

**User name:** Enter the user name of outgoing email account.

**Password:** Enter the password

**Sender E-Mail:** Enter sender's e-mail address.

**Interval:** The upload interval. Change the value to specify how often the camera will send the email. Default: every 600 seconds (10 minutes)

**Use SSL TLS:** Choose the security type to match your email account settings.

**Test:** Click this button to test the email server connection.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

**Action - Snapshot**

Check **Enable** to enable video snapshot and setup details in each section. Click **Apply** to apply the changes and click **Cancel** to drop the changes.

Event  
Schedule  
Always

**Triggered by**

**Always:** (Default) Taking snapshots all the time.

**Schedule:** Choose Schedule to take snapshots to in the same repeating scheduled time.

**Event:** Choose the event you want to the snapshot triggered by. You can choose from motion detection, sound detection, hot (high temperature alert), and cold (low temperature alert). If you choose multiple events, any selected event can trigger the snapshot. You can also limit the event triggering

snapshot only in certain scheduled period of time.

**Snapshot Type**

**Source:** The snapshot pictures are coming from profile 3 stream. If you can change the picture format or quality of snapshot, go **Audio and Video** section and then change on profile 3 settings.

## Target - FTP

FTP

FTP Server

Port

User Name

Password

Path

Filename Prefix

Interval  Seconds (range 60 to 86400 seconds)

Passive Mode

**Test**

## FTP

**FTP Server:** Enter the FTP server IP address.

**Port:** Enter the service port number of the FTP Server. Default: 21

**User Name:** Enter the User Name if the FTP server requires authentication.

**Password:** Enter the password of the FTP account.

**Path:** Enter the password again to make sure the password was entered correctly.

**Filename Prefix:** Assign file name prefix for easier file management.

**Interval:** The upload interval. Change the value to specify how often the camera will upload the files. Default: every 300 seconds (5 minutes)

**Passive Mode:** FTP Passive mode

**Test:** Click this button to test the FTP server connection.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

## Target - E-Mail

E-mail

Recipient E-mail Address

SMTP Mail Server

Port  (range 1 to 65535)

User Name

Password

Sender E-mail Address

Interval  Seconds (range 60 to 86400 seconds)

Use SSL-TLS

**Test**

## E-Mail

**Recipient E-Mail:** Enter receiver's e-mail address.

**SMTP Mail Server:** The sender's outgoing email server address.

**Port:** Service port number for outgoing email.

**User name:** Enter the user name of outgoing email account.

**Password:** Enter the password

**Sender E-Mail:** Enter sender's e-mail address.

**Interval:** The upload interval. Change the value to specify how often the camera will send the email. Default: every 600 seconds (10 minutes)

**Use SSL TLS:** Choose the security type to match your email account settings.

**Test:** Click this button to test the email server connection.

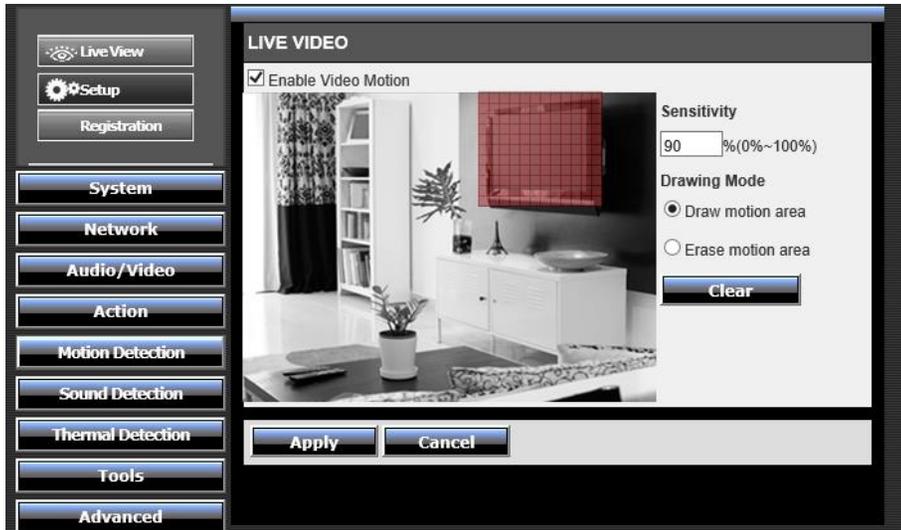
**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

## Motion Detection

Click **Motion Detection** on the menu. Then, check on **Enable Motion Detection**. Click and drag the area you want to detect motion. And then click on **Apply**.

**Motion Detection**



- Enable Video Motion:** Check this box to enable motion detection.
- Sensitivity:** Change the value between 0 and 100 to adjust detection sensitivity. Higher value means more sensitive.
- Drawing Mode:** Selection the response when you click and drag an area on the image. It will let you draw or erase the area.
- Clear:** Click this button to clear all areas

**Apply:** Click **Apply** button to apply the changes  
**Cancel:** Click **Cancel** button to drop the changes

## Sound Detection

Click **Sound Detection** on the menu. Then, check on **Enable**. Select the sound level you want to trigger the recording.

**Sound Detection**

Higher number means it needs louder sound to activate the recording. And, then click on **Apply**.

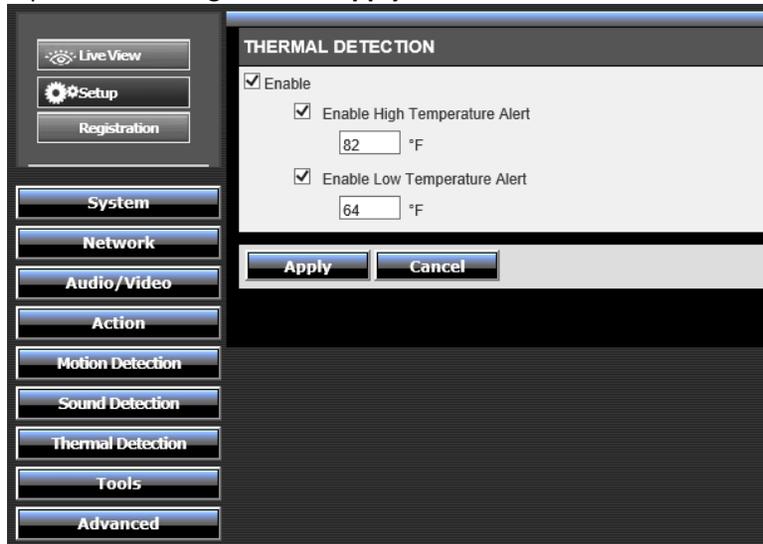


- Enable:** Check this box to enable sound detection.
- Detection Sensitivity Level:** Change the value between 50 and 90 to adjust detection sensitivity. You need to trigger this event with louder sound if the value is set to high. Default: 50.

**Apply:** Click **Apply** button to apply the changes  
**Cancel:** Click **Cancel** button to drop the changes

## Thermal Detection

Click **Thermal Detection** on the menu. Then, check on **Enable**. Select the temperature you want to trigger the recording. High temperature cannot be smaller than the low temperature setting. Click on **Apply** to activate the detection.



**Enable:** Check this box to enable sound detection.

**Enable High Temperature Alert:** If the room temperature is higher than this number.

The alert will send to **Action** section to enable the action.

**Enable Low Temperature Alert:** If the room temperature is lower than this number. The alert will send to **Action** section to enable the action.

**Apply:** Click **Apply** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

To change the temperature scale to Celsius or Fahrenheit, please go **Admin – Device settings**. See page 29 for more detail.

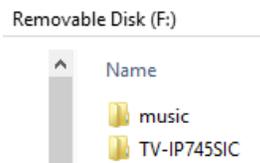
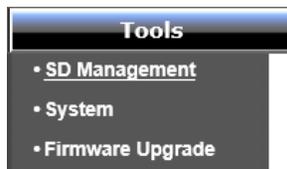
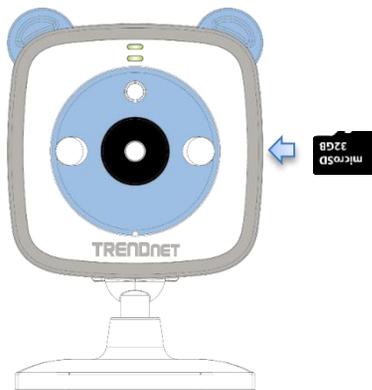
## Tools

Manage your camera with tools provided in this section. **SD Management** lets you manage the recording video on microSD card. Format the microSD card, download or delete the files with this web user interface. **System** section lets you manage your camera configurations. Reset the configuration. Save or upload previous configuration. Or, reboot the camera. **Firmware upgrade** section lets you review the current running firmware version number and you can upgrade your camera with latest firmware here.

### SD Management

Insert microSD card to save music or recording video. When you insert the microSD card, please make it facing forward (the gold fingers facing behind) and using up to 32GB certified microSD card. You can format the microSD card on your computer with FAT32 format. You can also format the microSD card here by click on **Format SD Card**.

All music files will be saved in **/music** folder (see Audio/Video - Music Player on page 37 for more information). Recording video and pictures are saved in **/TV-IP745SIC** folder.



SD MANAGEMENT		
Micro SD Card	<a href="#">TV-IP745SIC /</a>	SD Status : Available
Files per Page:	5 <input type="button" value="Refresh"/>	Pages: 1 of 1
<input type="checkbox"/>	<b>Delete</b>	Name
<input type="checkbox"/>		Size
<input type="checkbox"/>		<a href="#">20140806</a>
<input type="checkbox"/>		<a href="#">20140805</a>
<input type="checkbox"/>		<a href="#">20140108</a>
<b>Format SD Card</b>		Total : 31,163,008 KB, Used : 396,288 KB, Free : 30,766,720 KB

**Micro SD Card:** This is the current file path name. **TV-IP745SIC** displayed here as the microSD card root folder. When you navigate to other folders you can click on any level of parent folder to quickly change the file folder.

**SD Status:** Display the microSD card status. When the card is ready to use, it will show **Available**. Click **Refresh** to update the status when necessary.

**Files per Page:** Select how many files and folders you want to display on a single page.

**Page:** The number of page you are currently you on. Choose the page number from pull down menu to quickly navigate to the file you want.

**Delete:** Select the check box on the left hand side of delete button to select all files. Or, select the file/folder from the list. And then click on **Delete** to delete the file.

**Name/ Size** The file name and file size. When the file size is missing, it means the file name represents a folder. Click on the file name to download the file or click on the folder name to navigate into that folder.

**Format SD Card:** Click this button to format your microSD card. Please backup all the files before you proceed with format disk. All files will be erased and not recoverable after format.

## System

You can do the camera system maintenance on the **System** page. Click **Tools >> System** on the menu to show the page.



**Backup Configuration File:** Click Backup to download configuration file.

**Restore Configuration:** To restore previously saved camera settings, click **Browse** to find the configuration file and then click **Restore**.

**Reset To Factory Default:** Reset all camera parameters to factory default.

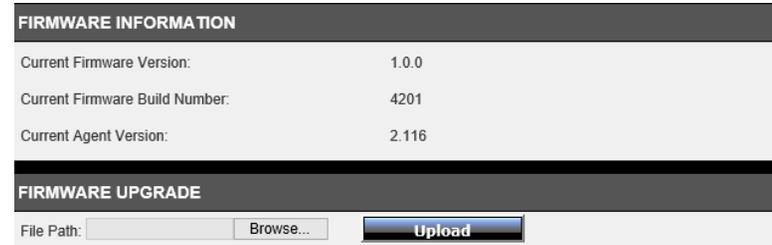
**Reboot:** Click this button to reboot the camera.

## Firmware Upgrade

TRENDnet may periodically release firmware upgrades that might add features or fix problems associated with your TRENDnet model and version. To find out if there is a firmware upgrade available for your device, please check your TRENDnet model and version using the link.

<http://www.trendnet.com/downloads/>

1. If a firmware upgrade is available, download the firmware to your computer.
2. Unzip the file to a folder on your computer.
3. Read the firmware upgrade instruction for specific version update information.
4. Log into the TV-IP745SIC.
5. Getting to this Maintenance page to upgrade firmware.



**Current Firmware Version:** The firmware version installed in your Camera.

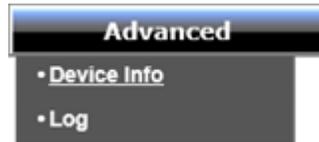
**Current Firmware Build Number:** The firmware build number installed in your camera.

**Current Agent Version:** The firmware agent number installed in your camera.

**Firmware Upgrade:** Click **Browse** to find the firmware on your computer and then click **Upload**.

## Advanced Device Info

Device Information page shows the TV-IP745SIC's basic information. Click **Advanced >> Device Info** on the menu to show this page.



INFORMATION	
Camera Name	TV-IP745SIC
Time & Date	2014/9 /2 18:01:05
Firmware Version	1.0.0
Firmware Build Number	4201
Agent Version	2.116
AP Router MAC Address	D8:EB:97:D3:99:1A
Direct Connection Channel	8
AP Client MAC Address	DA:EB:97:D3:99:1A
Router Connection Channel	8
IPv4 Address	10.10.10.5
IPv4 Subnet Mask	255.255.255.0
IPv4 Default Gateway	10.10.10.254
IPv4 Primary DNS	10.10.10.254
IPv4 Secondary DNS	
Search Domain	
DDNS Status	Disabled

<b>Camera Name:</b>	Human readable device name for easy identification.
<b>Time &amp; Date:</b>	The system time setup in the camera. Keeping the camera time correct is important for recording, scheduled control and logging.
<b>Firmware Version:</b>	Firmware version.
<b>Firmware Build Number:</b>	Firmware build number.
<b>Agent Version:</b>	Firmware agent version
<b>AP Router MAC Address:</b>	The MAC address on <b>Direct Connection</b> interface.
<b>Direct Connection Channel:</b>	Wireless channel of <b>Direct Connection</b> .
<b>AP Client MAC Address:</b>	The MAC address on <b>Router Connection</b> interface.
<b>Router Connection Channel:</b>	Wireless channel of <b>Router Connection</b> .
<b>IPv4 Address:</b>	IP address of the TV-IP745SIC
<b>IPv4 Subnet Mask:</b>	Network range of IP address
<b>IPv4 Default Gateway:</b>	The default route going from the TV- IP745SIC subnet.
<b>IPv4 Primary DNS:</b>	Primary DNS server address
<b>IPv4 Secondary DNS:</b>	Secondary DNS server address
<b>Search Domain:</b>	TV-IP745SIC network domain
<b>DDNS Status:</b>	DDNS server connection status

## Log

The system log allows administrator to view the camera status, connection history, system statistics, events and activities. Make sure you setup your time correctly, so your system log will register with the correct time.

### CURRENT LOG

```
2014-01-01 00:03:04 admin, 192.168.30.40 is streaming video.
2014-01-01 03:22:27 admin, 10.10.10.14 is streaming video.
2014-01-01 03:25:15 admin, 10.10.10.29 is streaming video.
2014-09-02 14:19:32 System time is set directly with NTP time, some time-based services may be restarted.
2014-09-02 14:19:32 Synchronization with NTP server is OK.
2014-09-02 14:20:09 admin, 10.10.10.29 is streaming video.
2014-09-02 15:22:27 admin, 10.10.10.29 is streaming video.
2014-09-02 17:13:23 admin, 10.10.10.29 is streaming video.
```

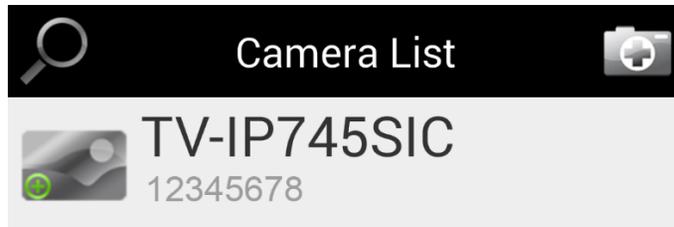
**Clear:** Click **Clear** button to clean up the log

**Download:** Click **Download** button to download the log

## Access your Camera through TRENDnet Cloud Service

### About TRENDnet Cloud Service

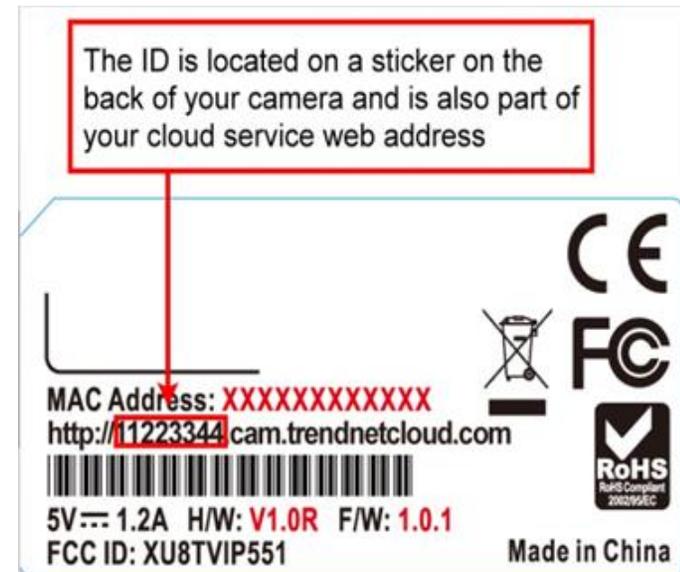
The TRENDnet cloud service is a ubiquitous network device accessing and name resolution service. It helps you find and connect your camera easily. Every TV-IP745SIC camera comes with built-in unique cloud service identification number. This unique cloud camera ID can be found during mobile app installation.



If you want to add a camera on the camera list remotely, or access your camera anywhere with Internet, you need the cloud ID handy with you. The cloud ID is printed on the device label on the bottom of your camera. The full access URL is <http://12345678.cam.trendnetcloud.com>. The leading '12345678' is the unique cloud camera ID.

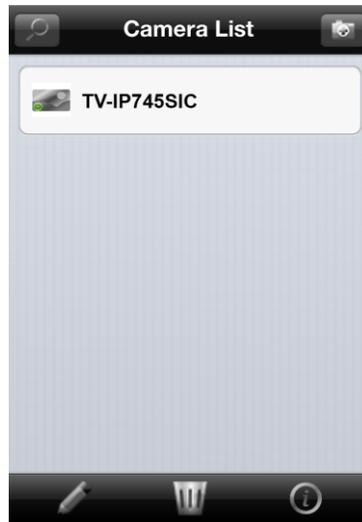
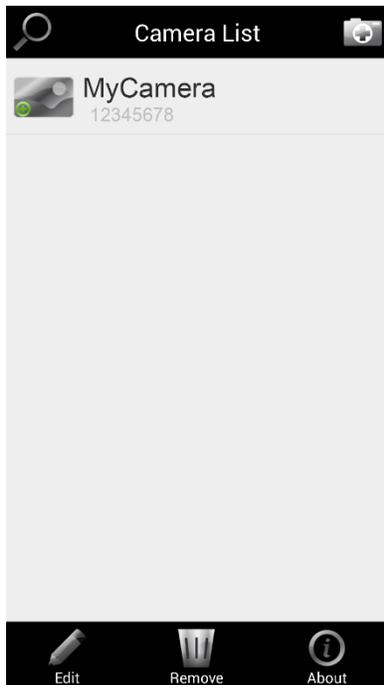
To access your camera, you simply enter the full URL in your browser. The TRENDnet cloud service will look for your camera automatically.

 <http://12345678.cam.trendnetcloud.com/>

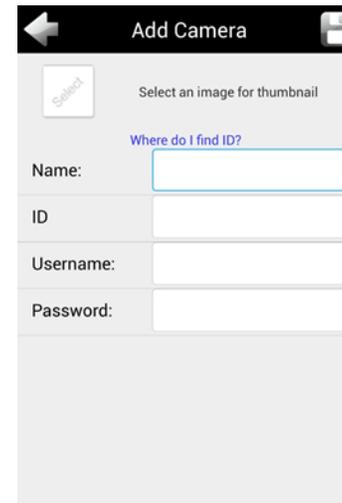


## List your camera on TRENDnet CloudView remotely with cloud camera ID

1. Launch your TRENDnet CloudView.
2. Go camera list and then click 

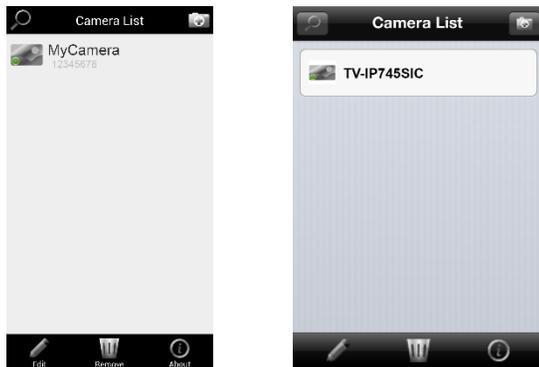


3. Enter the camera cloud ID, user name, and password. Then tap on  to save the changes.

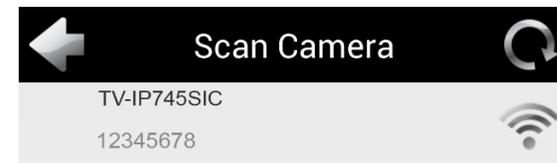


## Add a new cloud camera with wireless search (camera administrator only)

If you are with your home router and want to quickly search and add cameras on your TRENDnet Cloud View app, go camera list and then click . (You have to have administrator account to proceed. If you have only the user account, you have to go "List your camera on TRENDnet CloudView remotely with cloud camera ID" on page 53 to add camera).



All TRENDnet cloud camera on the network will be listed. If the listed camera has been added, the camera name will leading by  icon. Otherwise it will be checked  for the next step. If you don't want to add some founded cameras. Uncheck  the icon. Then tap on  to add all selected (checked) cameras.

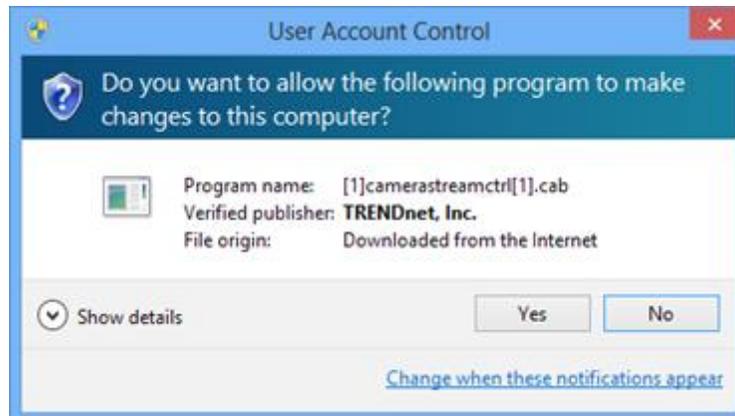


Enter the administrator's user name and password to add the camera.

## Log-in to the TRENDnet cloud camera access for the first time

### **Windows PC**

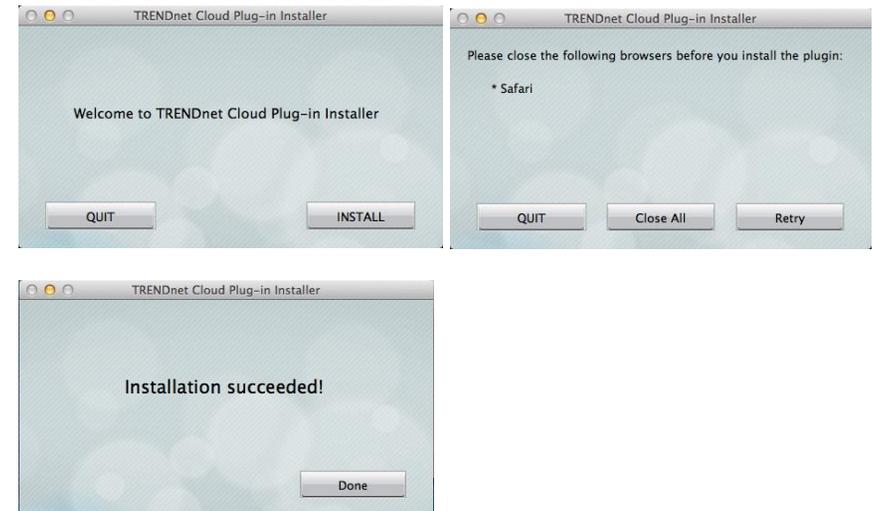
1. Enter the full cloud camera URL. The TRENDnet cloud will ask you to install the plug-in. Follow the instructions to install the plug-in. (This plug-in is different to the one direct access to your camera.)



2. Enter the user name and password you've setup and then login to access your camera.

### **Apple Mac**

1. Enter the full cloud camera URL. The TRENDnet cloud will ask you to install the plug-in. Follow the instructions to install the plug-in. (This plug-in is different to the one direct access to your camera.)
2. Enter the user name and password you've setup and then login to access your camera.



## Live View through cloud access

Depends on the camera setup and network connections, you may see different icons available for viewing and setting.

### Access Modes Mode 1

**Mode 1:** Direct camera access. Your computer and the camera is on the same local network. You can view, control, and direct access to your camera for advanced set-up.

**Mode 2:** Peer-to-Peer connection. The peer-to-peer channel is setup in between your camera and your computer. You can view or control your camera. Some advanced settings are not available in mode 2 access.

**Mode 3:** Cloud Access. Your camera video is streaming through TRENDnet cloud service. The continuous video streaming time is limited. The limited streaming time will show up as a reminder. Refresh your browser if you want to view video after the time out. You cannot set up your camera in this mode.

### Info Notification

The model specific notification, such as important firmware upgrade notice.

### Listen

The speaker on your computer is on by default. You can click to start/stop listening

### Snapshot

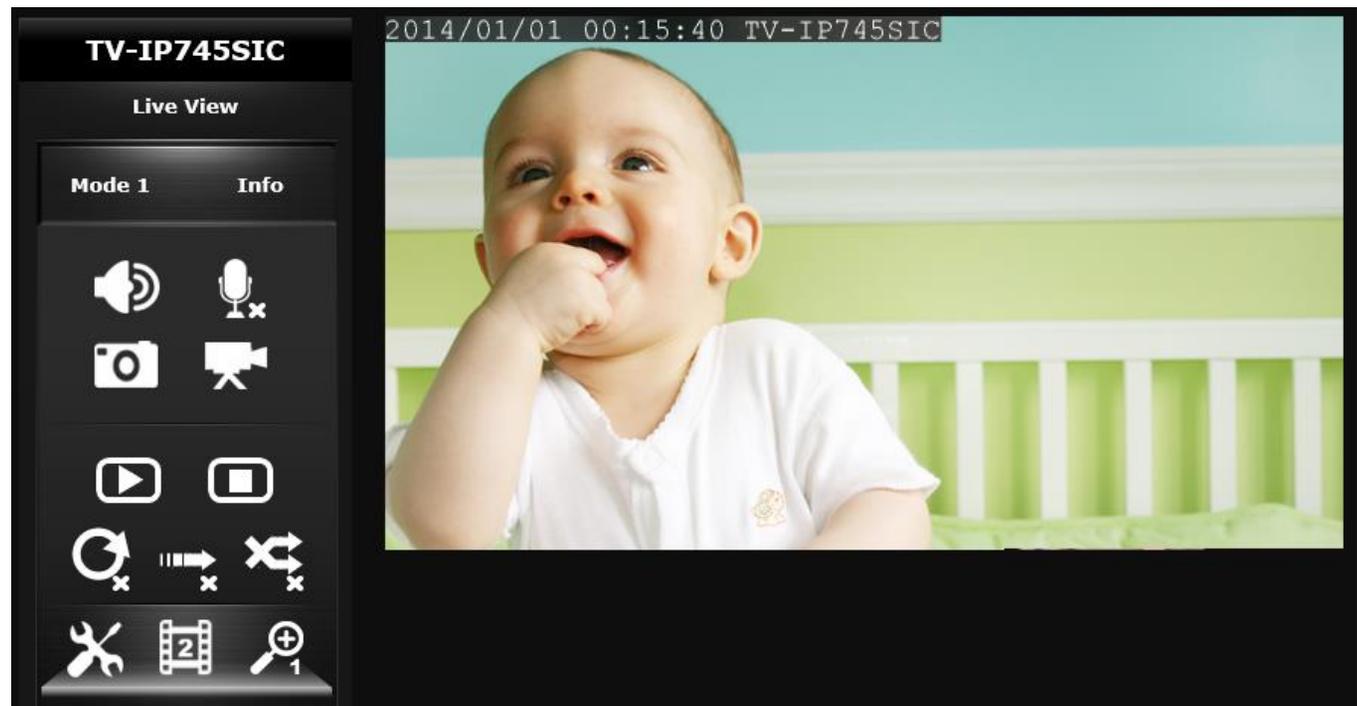
Click to take a snapshot.

### Talk

The microphone on your computer is off by default. You can click to start/stop talking.

### Recording

Click to start/stop recording.



### Music Play

Click to start music playing.

### Music Stop

Click to stop music playing.

### Repeat

Click to repeat music playing.

### Play All

Click to play all music in the bank.

### Shuffle

Click to enable all music play in shuffle mode.

### Setups

Only camera administrator can access setup menu.

### Profile

Choose the video profile for different formats.

### Zoom

Choose your magnitude for zoom.



**Username:** The current login user name

**Logout:** Click to logout

: original fixed display

: expanded flexible display

## Configuration

### Video

Choose the profile and setup the configuration of that particular profile.

**Configuration** Model : TV-IP745SIC

Video | Audio | Image | System | User | Advanced

Profile: Profile2 ▼

Encoding Type: H.264 ▼

Resolution: 640x352 ▼

Frame Rate (Frames/Sec): 10 ▼

Encoding Method: CBR ▼

Bit Rate (bit/sec): 1 Mbps ▼

OK Cancel

**Profile:** Choose the profile for setup.

**Encode Type:** Choose appropriate and available picture encoding type for the profile. MPEG4 is for video, and H.264 for best streaming quality.

**Resolution:** Choose the size of the picture is taking. Higher resolution results better picture quality and requires more bandwidth and storage space at the same time.

**FPS:** Choose the frame rate per second. The selectable options are 1, 2, 3, 5, 6, 10, 15 and 30.

**Encode Method:** Select the priority of image encoding.

**CBR (Constant Bit Rate):** This selection will consider the video stream bandwidth first. Set the bandwidth in the next bps field to match to your allocated bandwidth.

**Quality:** This selection will consider the picture quality first and may delay for real-time video streaming when the network traffic is congested. Select the picture quality in the next bps field.

4 Mbps  
3 Mbps  
2 Mbps  
1.5 Mbps  
1 Mbps  
768 Kbps  
512 Kbps  
384 Kbps  
256 Kbps  
128 Kbps  
64 Kbps

Low  
Fair  
Standard  
Good  
Excellent

**Bit Rate:** Choose the video sampling bit rate.

**OK:** Click **OK** button to apply the changes

**Cancel:** Click **Cancel** button to drop the changes

### Audio

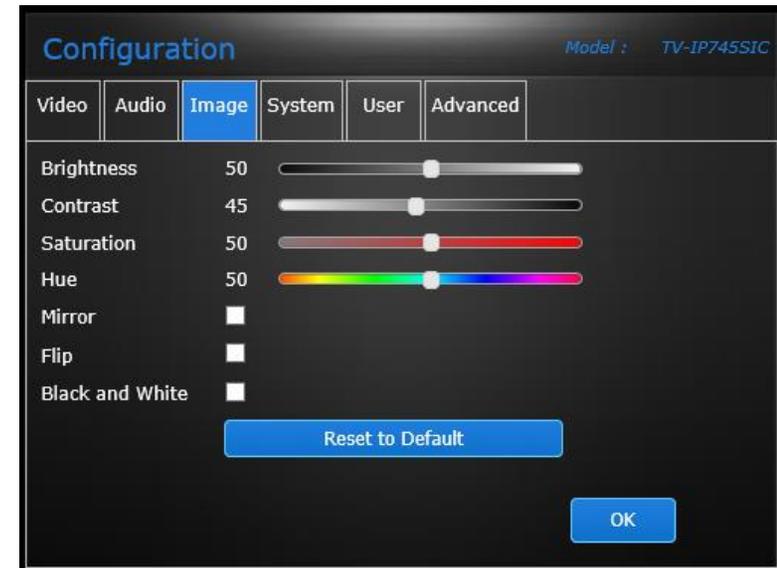
Enable, disable, and adjust the speaker volume and microphone sensitivity of the camera. Both features are enabled by default.



**OK:** Click **OK** button to apply the changes

### Image

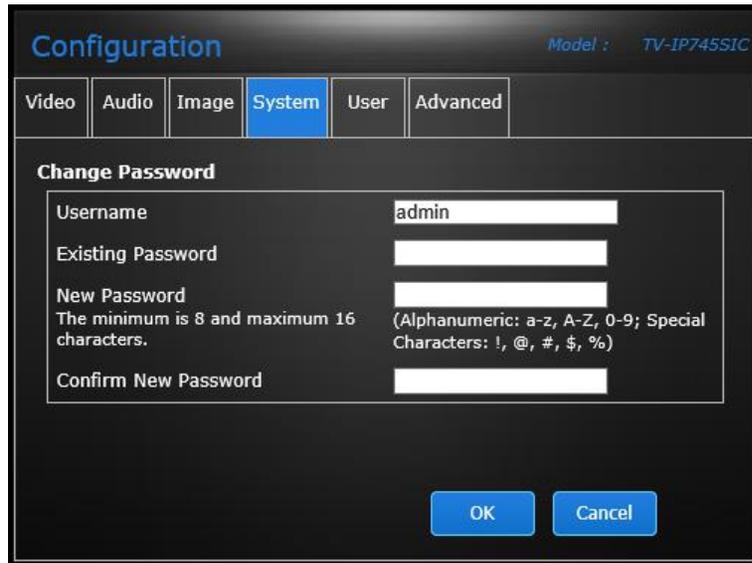
You can adjust video image quality here. The adjustments will be saved by click **OK**.



**OK:** Click **OK** button to apply the changes

### System

Change your administration account information.



The screenshot shows the 'Configuration' page for a TV-IP745SIC device. The 'System' tab is selected. Under the 'Change Password' section, the 'Username' field is filled with 'admin'. There are three empty password fields for 'Existing Password', 'New Password', and 'Confirm New Password'. A note below the 'New Password' field states: 'The minimum is 8 and maximum 16 characters. (Alphanumeric: a-z, A-Z, 0-9; Special Characters: !, @, #, \$, %)'. At the bottom, there are 'OK' and 'Cancel' buttons.

There is only one administrator can be setup on your TV-IP745SIC. The administrator can view, record the video, change camera settings and upgrade camera firmware.

**OK:** Click **OK** button to apply the changes

### User

Choose your local file saving folder. Click Select Directory to select the folder you are going to save your recordings and snapshot pictures.



The screenshot shows the 'Configuration' page for a TV-IP745SIC device. The 'User' tab is selected. Under the 'Manual Recording & Snapshot' section, there is a 'Set Storage Folder' label and a 'Select directory' button. At the bottom, there is an 'OK' button.

**OK:** Click **OK** button to apply the changes

### Advanced

This is the linkage to advanced configuration. The advanced configuration is available only on **model 1** connection. Click Settings login to web management page and making advanced settings.

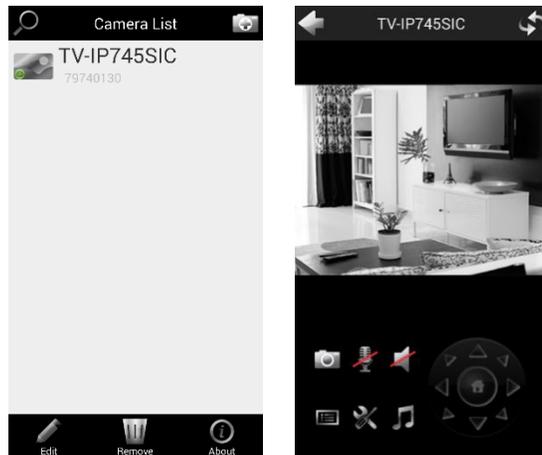


**OK:** Click **OK** button to apply the changes

## Live View with TRENDnet CloudView app

### Live View

Tap the camera name on camera list for Live View.



#### Camera List



Edit

Tap Edit, then tap camera name to edit the camera name, user information and camera icon.



Remove

Tap Remove, then tap camera name to remove the camera.



About

Tap About to see the TRENDnet CloudView app information.

#### Live View



Tap to take a snapshot of the live view video.



Talk through your camera. Tap this icon to toggle between enable and disable.



Listen from your camera. Tap this icon to toggle between enable and disable.



Choose live view video profile.



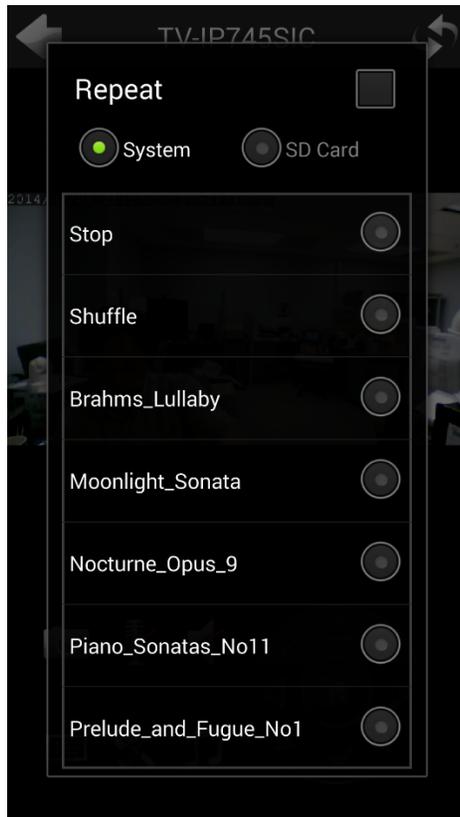
If you are administrator, you can tap this icon to change camera audio/video settings.



Music Playback.

**Music Playback**

There are two music banks designed on your TV-IP745SIC camera. You can immediately play the preloaded 5 soothing music to comfort your baby. You can also record your voice or the songs and store them on microSD. Tap on  then choose the music bank and the title to play. Tap on shuffle to play all music in the same music bank. If you want to repeat music playing. Tap to check on the Repeat before you choose the music to play. If your music is already playing, tap on **Stop** to stop the music.



**Configuration**

**Configuration**



Tap this icon to configure video profile.

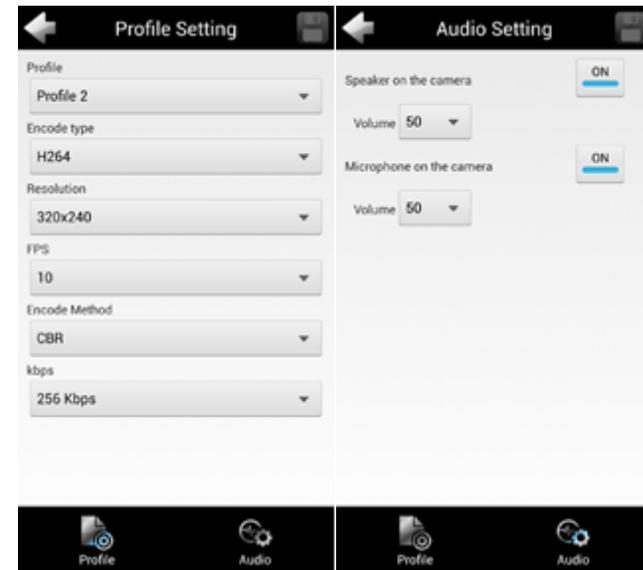


Audio

Tap this icon to enable/disable microphone and speaker on the camera and adjust the sensitivity and volume.



Tap this icon after you make any change.



## Appendix

### Turn on network discovery on Windows

The TV-IP745SIC is UPnP enabled device. Find your camera is easy with Windows network discovery. If your network discovery is turned off, go to Control Panel >> **Network and Internet** >> **Network and Sharing Center** >> **Advanced sharing settings** and then select **Turn on network discovery**. Click **Save** changes to save the changes. If you still have difficulty to find your camera with network discovery, check it out if it has to network discovery setting on other network profiles.



### Find Bonjour device quickly with Safari

The TV-IP743SIC is Bonjour enabled device. You can easily find your camera with Bonjour service if you have a Mac. You can find Bonjour in your Favorites bar. If you don't see it, click **Safari >> Preference**. In **Advanced tab**, check on **Include Bonjour in the Favorites bar**.



## Regulations

### **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



#### IMPORTANT NOTE:

##### FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

### **RoHS**

This product is RoHS compliant.



## Europe – EU Declaration of Conformity

This device complies with the essential requirements of the Directive 1999/5/CE, 2006/95/CE and 2009/125/CE. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the Directive 1999/5/CE, 2006/95/CE and 2009/125/CE:

- EN 300 328 V1.7.1: 10-2006
- EN 301 489-1 V1.9.2: 09-2011
- EN 301 489-17 V2.2.1: 09-2012
- EN 55022:2010/AC:2011
- EN 55024:2010
- EN 61000-3-2: 2006+A2: 2009
- EN 61000-3-3: 2013
- EN 62311 : 2008
- EN 60950-1: 2006 + A11 : 2009 + A1 : 2010 + A12: 2011
- Regulation (EC) No. 278/2009



Česky [Czech]	TRENDnet tímto prohlašuje, že tento TV-IP745SIC je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES, 2006/95/ES a 2009/125/ES.
Dansk [Danish]	Undertegnede TRENDnet erklærer herved, at følgende udstyr TV-IP745SIC overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF, 2006/95/EF og 2009/125/EF.
Deutsch [German]	Hiermit erklärt TRENDnet, dass sich das Gerät TV-IP745SIC in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG, 2006/95/EG und 2009/125/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab TRENDnet seadme TV-IP745SIC vastavust direktiivi 1999/5/ EÜ, 2006/95/ EÜ ja 2009/125/ EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, TRENDnet, declares that this TV-IP745SIC is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/CE, 2006/95/CE and 2009/125/CE.
Español [Spanish]	Por medio de la presente TRENDnet declara que el TV-IP745SIC cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE, 2006/95/CE y 2009/125/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑΤRENDnet ΔΗΛΩΝΕΙ ΟΤΙ ΤΟ TV-IP745SIC ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ, 2006/95/ΕΚ, 2009/125/ΕΚ κ.α.
Français [French]	Par la présente TRENDnet déclare que l'appareil TV-IP745SIC est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE, 2006/95/CE et 2009/125/CE.
Italiano [Italian]	Con la presente TRENDnet dichiara che questo TV-IP745SIC è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE, 2006/95/CE e 2009/125/CE.
Latviski [Latvian]	Ar šo TRENDnet deklarē, ka TV-IP745SIC atbilst Direktīvas 1999/5/EK, 2006/95/EK un 2009/125/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo TRENDnet deklaruoja, kad šis TV-IP745SIC atitinka esminius reikalavimus ir kitas 1999/5/EB, 2006/95/EB ir 2009/125/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart TRENDnet dat het toestel TV-IP745SIC in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG, 2006/95/EG en 2009/125/EG.

Malti [Maltese]	Hawnhekk, TRENDnet, jiddikjara li dan TV-IP745SIC jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/KE, 2006/95/KE u 2009/125/KE.
Magyar [Hungarian]	Alulírott, TRENDnet nyilatkozom, hogy a TV-IP745SIC megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EK, 2006/95/EK és a 2009/125/EK irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym TRENDnet oświadcza, że TV-IP745SIC jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/WE, 2006/95/WE i 2009/125/WE.
Português [Portuguese]	TRENDnet declara que este TV-IP745SIC está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE, 2006/95/CE e 2009/125/CE.
Slovensko [Slovenian]	TRENDnet izjavlja, da je ta TV-IP745SIC v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES, 2006/95/ES in 2009/125/ES.
Slovensky [Slovak]	TRENDnet vyhlasuje, že TV-IP745SIC spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES, 2006/95/ES a 2009/125/ES.
Suomi [Finnish]	TRENDnet vakuuttaa täten että TV-IP745SIC tyyppinen laite on direktiivin 1999/5/EY, 2006/95/EY ja 2009/125/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar TRENDnet att denna TV-IP745SIC står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG, 2006/95/EG och 2009/125/EG.

## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

- TV-IP745SIC – 3 Years Warranty

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of purchase for their return policies.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

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Please take a moment to register your product online.  
Go to TRENDnet's website at <http://www.trendnet.com/register>

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