Please read all instructions carefully before use to get the most out of your MIP12 Wireless Surveillance Camera.

The design and features are subject to change without notice.
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Thank you for purchasing the time2 MIP12 Surveillance Camera – this device is a great way to monitor any part of your office, home or warehouse, making sure all your valuables are safe and secure.

Please keep this manual for future reference and ensure all safety instructions have been read carefully before using. Applications and their functions may vary by country and/or hardware specification.

**Important Safety Information**

- Do not install the product outdoors or in any place where it may become wet.
- Do not install the product in any place that might be exposed to extreme heat or cold – the camera should be kept out of direct sunlight.
- It is not permitted to open the product yourself or to have it opened, neither is it permitted to repair the product yourself or to have it repaired. This will void the warranties.
- Only use original accessories from the manufacturer.
- Keep the product out of reach of children.
- Disconnect the device from all power sources before cleaning it. Use a clean, dry cloth to clean the product.
- Do not use any abrasive agents, corrosive cleaning products or any substances that contain bleach or solvents to clean the product.
- Unplug the camera when the product is not used for long periods of time and during storms.
- The camera is not able to view through glass at night. Keep this in mind when positioning it.
Main Components (What comes in the box?)

- MIP12 Camera with base
- 2 assembly screws and plugs
- Ethernet (internet) cable
- DC supply (power supply)
- User’s manual
Connections

1. Ethernet port (Internet port)
2. DC connection (Power supply)
3. Reset opening

Camera Installation

View our Video Setup Guide for fast and easy setup. Please ensure Subtitles are switched on in Youtube.

Visit - https://youtu.be/LjpQVImqbCM or scan the QR code with a QR Code Reader to view:

1. To mount the camera on the stand, twist the camera into the screw on the stand. (See image 1) Please note: You can choose to place the camera on a flat surface or mount the camera onto the location of your choice with screws.

2. Use the screw-plate on the back of the camera to tighten the grip and hold the camera in place.

3. In order to change the camera angle, twist the casing around the ball-joint. (See image 2) This will enable you to position the camera horizontally or vertically.

4. Tighten the casing around the ball joint to hold the camera securely in place. (See image 3)
Connecting the camera

Connect the power adapter to the back of the camera then plug into a power outlet. (See image 1)

Connect one end of the supplied Ethernet cable to the network port on the camera. (See image 2). Connect the other end of the Ethernet cable to the router.

The green LED light on the back of the camera and on the front on the camera will light up and flash when the camera has successfully connected to a network. You can now operate your IP Camera using your smartphone or PC.

To mount the camera to a surface using the screws such as a wall, please see below:
1. Remove the rubber case at the bottom of the stand to expose two holes. (See image 1)

2. Measure the distance from the holes to ensure that the camera will fit nicely to the screws. (See image 2)

3. Drill the screws into the wall. The base of the camera stand should now fit and slide into this. (See image 3)

Please note: If the surface is too hard for the screws (stone/concrete), you will need to drill holes and use the screw plugs which are included.

**Connecting to Internet Router**

During the setup of your camera, ensure the camera is connected to your Internet router for internet access. For this you will need the Ethernet cable provided and access to your internet router.

Put one end of the provided Ethernet cable into the back of the camera. Connect the other end to the internet port on your router.

Please see demonstration below on how to do this.
Smartphone Control

In order to view and control your IP camera using your smartphone you will be required to download the application for your device.

1. Go to the Apple App Store or Google Playstore to download the **P2Pcamviewer** application from Developer “Yibo Chen”. (See image below)

![App Store and Google Play icons]

Connecting to your Apple/Android device

To view and control the camera from your Apple/Android device, you will require a strong WiFi connection or 3G/4G connection on your phone and the application mentioned above.

**Viewing the Camera at home**

To view the camera open the p2pCamViewer App and click on the Local Cameras/Lan tab on the menu at the bottom. Your camera will appear here. You can edit the camera settings by clicking on the camera.

**Viewing the Camera away from home**

Open the application and click on “My Cameras” or “WAN”. Login to the camera using the Username and Password (found on the back of the device). (See image 2) Please ensure your router can be accessed away from home. Contact your broadband supplier if you’re not sure.
Manage Camera Settings on your Apple/Android device

- Change your log in password for the camera or add another camera
- Change settings for the camera
- Find information about the software, check for updates, total capacity and available capacity.
- LAN/Local Cameras
  - Access the Camera when at home
  - See alarm reports when movement has been detected.

All photos and video recordings are saved here

Please Note: On iOS Phones “WAN” will be displayed as “My Cameras” and “LAN” will be displayed as “Local Cameras”
iOS Settings

Click the icon next to the Camera name on the right to bring up the Camera settings.

**Wireless Settings** – Connect your camera to your router for wireless connection. This will appear under the Local Cameras section.

**Video settings** – Edit the main settings of the viewing frame e.g. quality, resolution, frame scale and brightness etc.

**SD-Card settings** – Change the recording settings to save on SD card. Please ensure you format the SD Card before changing any settings.

**SD-Card Query** – Displays your files for you to view.

**Alarm Settings** – Change the motion detection and sound detection settings (e.g. how many images you would like emailed to you, alarm sensitivity etc.)

**Email Settings** – Set up alerts to receive emails when the camera detects movement or sound.

**Change Access Code** – Available under My Cameras. Changes the password to access the camera.
Android Settings

**Wi-Fi Settings** – Connect your camera to your router for wireless connection. This will appear under the LAN section.

**Video settings** – Edit the main settings of the viewing frame e.g. quality, resolution, frame scale and brightness etc.

**SD-Card settings** – Change the recording settings to save on SD card. Please ensure you Format the SD Card before changing any settings.

**SD-Card Query** – Displays your files for you to view.

**Alarm Settings** – Change the motion detection and sound detection settings (e.g. how many images you would like emailed to you, alarm sensitivity etc.)

**Alarm Email** – Set up alerts to receive emails when the camera detects movement or sound.

**Access Password** – When logged in through WAN you can change the passwords to access the camera remotely.
Setting the camera up wirelessly

First ensure the Camera is online under the LAN/Local Cameras Tab.

To set the camera up wirelessly, right click on the camera name to bring up a list of options. In Settings Click on “WiFi” or “Wireless Settings.

iOS Application

1. Click on this icon. The camera will search for any wireless networks you can connect to.

Click on the router you want to connect to.

2. Ensure this is enabled to enter your Wi-Fi settings.

3. Enter your Router password. This is the password you use to connect to your wireless network.

4. Click on “Done”. The camera will make a chime to state it has been complete. Remove the Ethernet cable from your camera.
Once this is complete the camera will restart and will disappear from the LAN/Local camera tab. Once the connection is re-established the camera will reappear online.

**Android Application**

1. Click on this icon. The camera will search for any wireless networks you can connect to.
   
   Click on the router you want to connect to.

2. Enter your Router password. This is the password you use to connect to your wireless network.

3. Click on “OK”. The will make a chime to state it has been complete. Remove the Ethernet cable from your camera.

Once this is complete the camera will restart and will disappear from the LAN/Local camera tab. Once the connection is re-established the camera will appear online.
Please note: The camera operates under 2.4 GHz. If you find that the camera is working with a wired connection and it does not appear once you have completed the Wi-Fi settings please check the settings for your router.

Contact your broadband provider for more information on how to change your router settings.

**Changing the Alarm Settings**

Ensure the MIP12 camera is online under the LAN/Local Cameras Tab. Click on the settings icon next to the camera name and click on:

- “Alarm Settings” for the iOS/Android application
Once you have changed the settings to suit you click on “Done” in the top right hand corner to save the settings.

Ensure this is enabled for the MIP12 to detect motion. The sensitivity will change the range of motion that is detected.

Ensure this is enabled for the MIP12 to detect audio. The sensitivity will change the range of audio that is detected.

Ensure this is enabled for the MIP12 to record a short clip of what has triggered the motion. Please note this function will only work with a SD card inserted into the side of the camera.

Click on this to allow the camera to send you an email of what has triggered the motion detection. Please note this function will only work if the MIP12 has been set to send email alerts.
Android Application

Once you have changed the settings to suit you click on “OK” at the bottom of the screen to save the settings.

Ensure this is enabled for the MIP12 to detect motion. The sensitivity will change the range of motion that is detected.

Ensure this is enabled for the MIP12 to detect audio. The sensitivity will change the range of audio that is detected.

Ensure this is enabled for the MIP12 to record a short clip of what has triggered the motion. Please note this function will only work with a SD card inserted into the side of the camera.

Click on this to allow the camera to send you an email of what has triggered the motion detection. Please note this function will only work if the MIP12 has been set to send email alerts.

Please note this function will only work if the MIP12 has been set to send email alerts.
Setting up Email Alerts

Ensure the MIP12 camera is online under the LAN/Local Cameras Tab. Click on the settings icon next to the camera name and click on:

- “Email Settings” for the iOS application.
- “Alarm Email” for the Android application

Please note this function only works with email addresses that use the Gmail, Yahoo and Hotmail domain.

iOS Application

Once you have changed the settings to suit you click “Done” in the top right hand corner. The camera will start to send email alerts of what has triggered the motion.
Once you have changed the settings to suit you click “OK” at the bottom. The camera will start to send email alerts of what has triggered the motion.

Please note the first couple of alerts will be out of sync. Once the motion detection and the email settings are in sync you will receive the alerts seconds after the motion has been detected.

There is also an additional setting for the Gmail Domain. Due to the security measures implemented by Gmail you will need to adjust the settings to allow the MIP12 camera to send the email alerts.
1. Log into your email and click on your initials in the top right hand corner. Click on “My Account”.

![My Account](image1.png)

2. A window will appear which will display all the settings available for your email address. Click on “Connected apps & sites”.

![Connected apps & sites](image2.png)

3. Ensure “Allow less secure apps” is turned on.

![Allow less secure apps](image3.png)
SD card settings

Ensure the MIP12 camera is online under the LAN/Local Cameras Tab. Click on the settings icon next to the camera name and click on:

- “SD Card Settings” for iOS/Android Application.

Before you change any of the settings for the SD card it is advised that you format the SD card.

The MIP12 camera can be set to record automatically however to access this full feature you will need to go onto the PC application.
PC Setup

You will require:
- A computer
- Internet access
- Power supply
- time2 MIP12 Camera


Please Note: You will require a software that is able to unzip files (such as Winzip) to open the download. Winzip is software which can open files such as this download. This can be downloaded at [www.winzip.com](http://www.winzip.com). Most computers already have this software preinstalled.

Please note: If you select Web view, you will not have downloaded the software. This just allows you to view the camera online without downloading the program where all the set up features will not be available.

1. Choose the appropriate file to download (PC client is a version of the software which runs on windows laptops or computers)

2. Once the file has finished downloading it will automatically open/or ask you to open the download directing you to the SYSM Monitor Setup (See image 2)

3. When you have read through the SYSM setup window, click
the next button. It will then ask where you wish to save the download. (See image 3)

4. Once you have chosen this, it will then ask you if you wish to make a desktop icon. This means that you will be able to access the software from your computer home screen. (See image 4)

5. Then press ‘Install’ to begin the installation. Once the installation is complete, the software will automatically open up on your computer. If this does not happen, simply open the software using the shortcut created on your desktop. (See image 5)
Connecting the camera to the software

To connect the camera with the software, open the ‘SYSM Monitor’ program. The desktop icon is called SYSM Monitor.

When the camera is connected to the router, open the LAN tab and the camera will automatically appear as shown below:

The camera will appear blue when it is connected to a network, red whilst the camera is being viewed and grey if the camera is offline or fails to connect to a network.

Online  Viewing  Offline

By logging into WAN, you can access the camera when away from home.

The User name and Password can be found on the back of the camera.
Setting the camera up wirelessly

To set the camera to run wirelessly, you will need to open the SYSM Monitor software.

Under the LAN tab you will see the camera name, this will show as blue. When viewing the camera, this will then change to red as shown.

To set up WiFi, right click on the camera name under the LAN tab to bring up a list of options.

Click on ‘Set WiFi Connection’ on the list that appears. Ensure there is a tick in start WiFi setting. Click Scan on the right hand side and using the drop down box click on the router you would like to connect to. Enter your router password in the password field.
Once you have done this click “ok” at the bottom of the window a message will appear asking you to remove the Ethernet cable.

Remove the Ethernet cable and you will see the camera disappear from the LAN Tab. Once the camera has restarted it will reappear.

**Setting up Motion Detection**

Right click on the camera name and you will see a list of options. (See image 1 below)

Click on Email alerts to set up the motion detect (See image 2)

Please note: The motion detect will send an email and up to 3 images with your specified message. Motion detection can only be set up with Hotmail, Yahoo and Gmail email addresses.

1. Fill in the appropriate details (see image 3). Please be advised the information for the SMTP Port and Data Encryption can be found in image 4.
2. Upon completion, the motion detection will have been activated and when the camera detects movement, it will automatically send out an email alert. If for any reason you do not receive an email. Please check your Sensitivity settings (See section 4)

Please Note: Some mail may go to your Junk folder! Please check your junk folder and add the email address to your contact list to avoid any issues.
Please note: The motion detection feature only works with Hotmail, Gmail and Yahoo accounts. If you do not have one you are able to create these at:

www.hotmail.com
www.gmail.com
www.yahoo.com
Managing your camera using your PC

Start up the IP Camera software via the "SYSM Monitor" shortcut on your desktop, it will automatically search for the IP camera(s) connected to your network.

Double-click the camera you want to use. In the main window the camera image will appear.

Software features:

"Capture" – take a snapshot of what the camera is seeing.

"Record" – click to start recording and click again to stop recording.

"Listen" – click to activate speaker

"Talk" – click to activate microphone

"Vertical flip" – Flip the image horizontally

"Mirror" – Flip the image vertically

"Settings" – change camera settings

The functions that are crossed out are not available for this model. (Although the motion detection may not be available, this can be found in Alarm Alert as previously shown)
Adjusting the camera lens

To adjust the camera focus, please ensure the Camera is online, click to view the camera.

To adjust the lens, twist the camera lens until you see the sharpest focus point. You will need to keep checking the viewing screen on the software. The image will automatically adjust to show you the best possible image.

Managing your camera's settings

Click on the settings icon to adjust the camera settings. The night vision is automatic

**Hue** – This is the balance of the red, green and blue colour. Changing this will make one of these colours stand out more. (See image 1)

**Brightness** – This will alter the brightness of the image (See image 2)

**Saturation** – This allows you to view the image in black and white or in colour, 1 being black and white. (See image 3)

**Contrast** – This makes the colours bolder and allow certain colours and outlines to stand out more. (See image 4)
How to save your recordings/images

To save the camera recordings, click on the magnifying glass on the toolbar in the top left-hand corner. This will allow you to search for all recent recordings. (Search within specific dates or view all recordings.)

Click on the recording to view or right-click to save. Choose a location on your computer where you would like to save the recordings.
Connecting to Apple Mac PC

In order to download this software, your Mac’s requirement are:
- Mac OS 10.7 or above

Basic hardware requirement:
- 1GB RAM and 2 Core CPU for 1 camera at 1 time
- 2GB RAM and i3 or updated processor for 4 cameras at 1 time

Please note: The SD Card Support and Alarm/Alarm alert via email functions are not compatible with the MAC Software.

To use the full functions for your IP camera, please use the “SYSM MONITOR” using a Window PC or set up using a Mobile device (Android and Apple).

Visit https://www.time2technology.com/product-downloads/Time2-MIP12-Wireless-Surveillance-Camera.html and find the downloads available for the MIP12 Wireless surveillance camera

1. Choose the ‘App for Mac’ option for a link to download
2. Once the file has downloaded, drag and drop the file to install the software.

Alternatively, download the software from the Apple App Store by searching ‘P2PCamViewer (MAC)’

Connecting to the software

Open the ‘SYSM Monitor’ Software.

Once the camera is connected to the router, open the LAN tab and right-click on the blank space. Then click Refresh.
Once the camera has been detected by the software, you will see the camera name and status.

By logging into WAN, the camera can be viewed using the Ethernet (internet) cable or wirelessly.

If the camera fails to show in LAN, please log into the WAN section using the details on back of the camera. These will show the status of the camera.

To login to the camera via the WAN settings, simply enter the Camera ID and Username (found at the back of the camera).
Frequently Asked Questions

➢ Why is there a delay when viewing the camera on my iPhone/Android?

There will be a slight delay whilst using your Smartphone as you will be viewing the camera through your 3G/4G connection. However, if you are having problems with a long length delay, then check your 3G/4G signal strength and the WiFi connection to your IP Camera too.

If there is no problem with your connection then change the camera resolution to 174x128. (See Page 13 to change the settings)

➢ The screen colours are not satisfying

The settings of the screen colour can be changed using the software. See Page 13.

➢ Does the camera have to be constantly connected to the router?

No – the camera only needs to be connected to the router during the initial setup. Once the camera has been successfully connected, it can be moved to any location. See Page 10.

➢ Is the camera suitable to be placed in a window?

No - The camera is not suitable to be placed at a window as this would interfere with the night vision. The night vision will not work due to the reflective lights from the camera.

➢ Can the camera be placed outside?

No - the camera is not suitable for outdoor use
# Camera Spec

<table>
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<th>Feature</th>
<th>Specification</th>
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<tr>
<td>Image sensor</td>
<td>1/4” Color CMOS Sensor</td>
</tr>
<tr>
<td>Minimum Illumination</td>
<td>0.5 Lux</td>
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<tr>
<td>Video compression</td>
<td>HD</td>
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<td>Video Frame Rate</td>
<td>Up to 30fps (mini frame file size)</td>
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<td>Video resolution</td>
<td>HD 1280 x 720 max.</td>
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<tr>
<td>Motion detector</td>
<td>Yes</td>
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<td>Capture</td>
<td>Yes</td>
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<td>Video adjust</td>
<td>Brightness, Contrast, Sharpness, Saturation</td>
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<td>Feature</td>
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<td>----------------------</td>
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<td>Night vision</td>
<td>up to 10 meters</td>
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<td>Power</td>
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**SUPPORT**

For further support with setup and if you require any help to make the most of your camera please contact our customer services support team.

[https://www.time2technology.com/en/support/](https://www.time2technology.com/en/support/)

Connect With Us:

https://m.me/time2HQ

[www.facebook.com/time2HQ](http://www.facebook.com/time2HQ)

[www.twitter.com/time2HQ](http://www.twitter.com/time2HQ)