TECKNET TK-CA001 Web Camera User Manual

Web Camera

User Manual
TK-CA001

Contents

Congratulations

Thank you for purchasing your new 1080P Web Camera. Use this guide to setup and begin using your Web Camera.
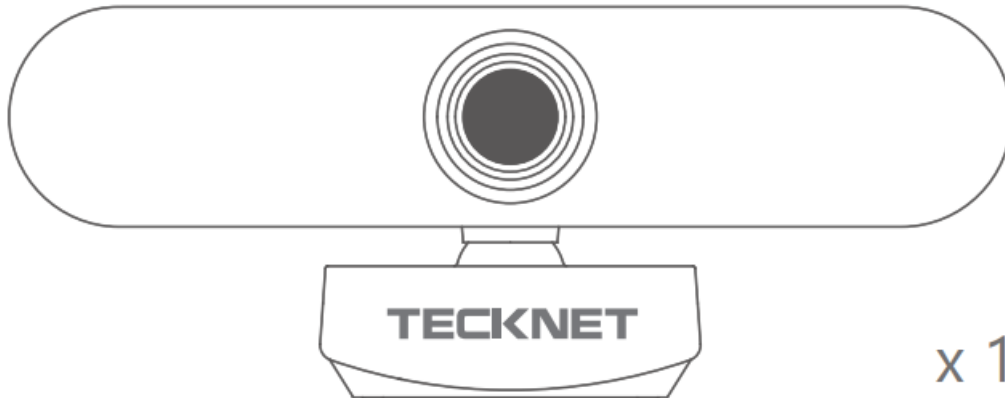
This user guide will provide you with all of the information you need to get the most from your system.

If you have any problems setting up or using your Web Camera, please contact us by email at:
support@tecknetonline.com

Alternatively, solutions to common problems can be found in the FAQs section at the end of this manual.
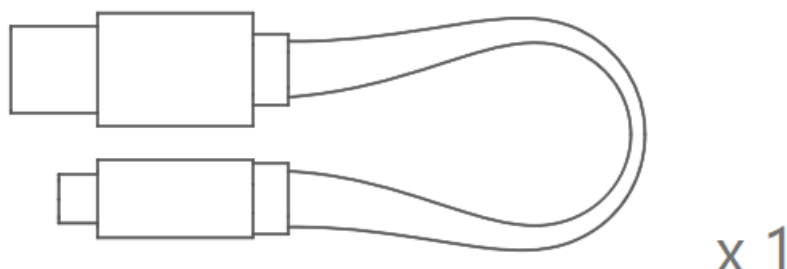
Package Contents

x 1

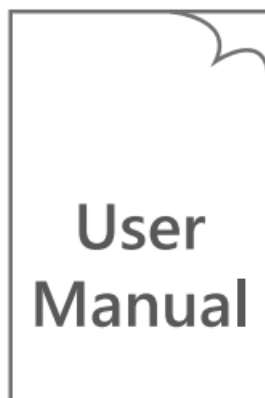**Product Specifications**
Sensor: 1920×1080P CMOS
Lens: 4-layer anti-glare opticLens Type: Wide angle lens
Focus Range: 5cm~5m
CRI: >80
Input Voltage: DC 5V/0.5A

x 1

User
Manual x 1

Capture Screen: 1920×1080, 1280×720, 640×480, 320×240
Video Resolution/Frame Rate: 1080P(30FPS), 720P(60FPS), VGA(60FPS)
Working Temperature: -10℃- 65℃ / 14℉-149℉
System Compatibility: Windows/Mac/Linux/Android
Output Format: YUV, MJPG, H.264
Audio: Integrated 2 Microphones; Noise Reduction
LED Light: 3-level brightness
Types of Lighting Control: Touch Control
Screw hole diameter: 1/4 ″
Charging cable length: 180cm
Characteristics: USB Powered
USB cable core type: 4 core
Minimum System Requirements
Please be sure that you meet all of the system requirements below to avoid difficulties during the installation.
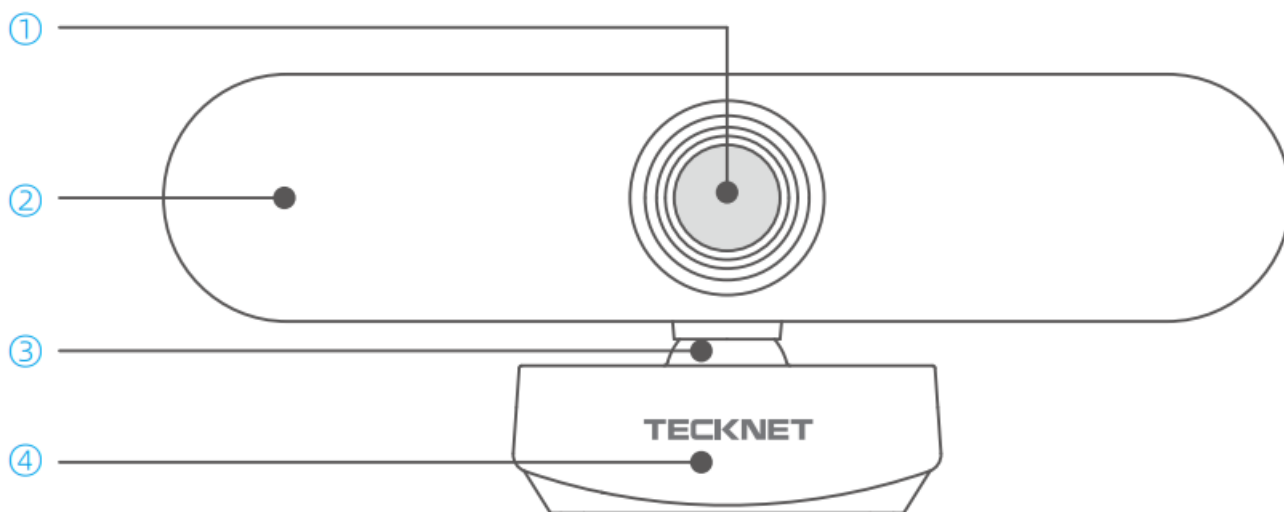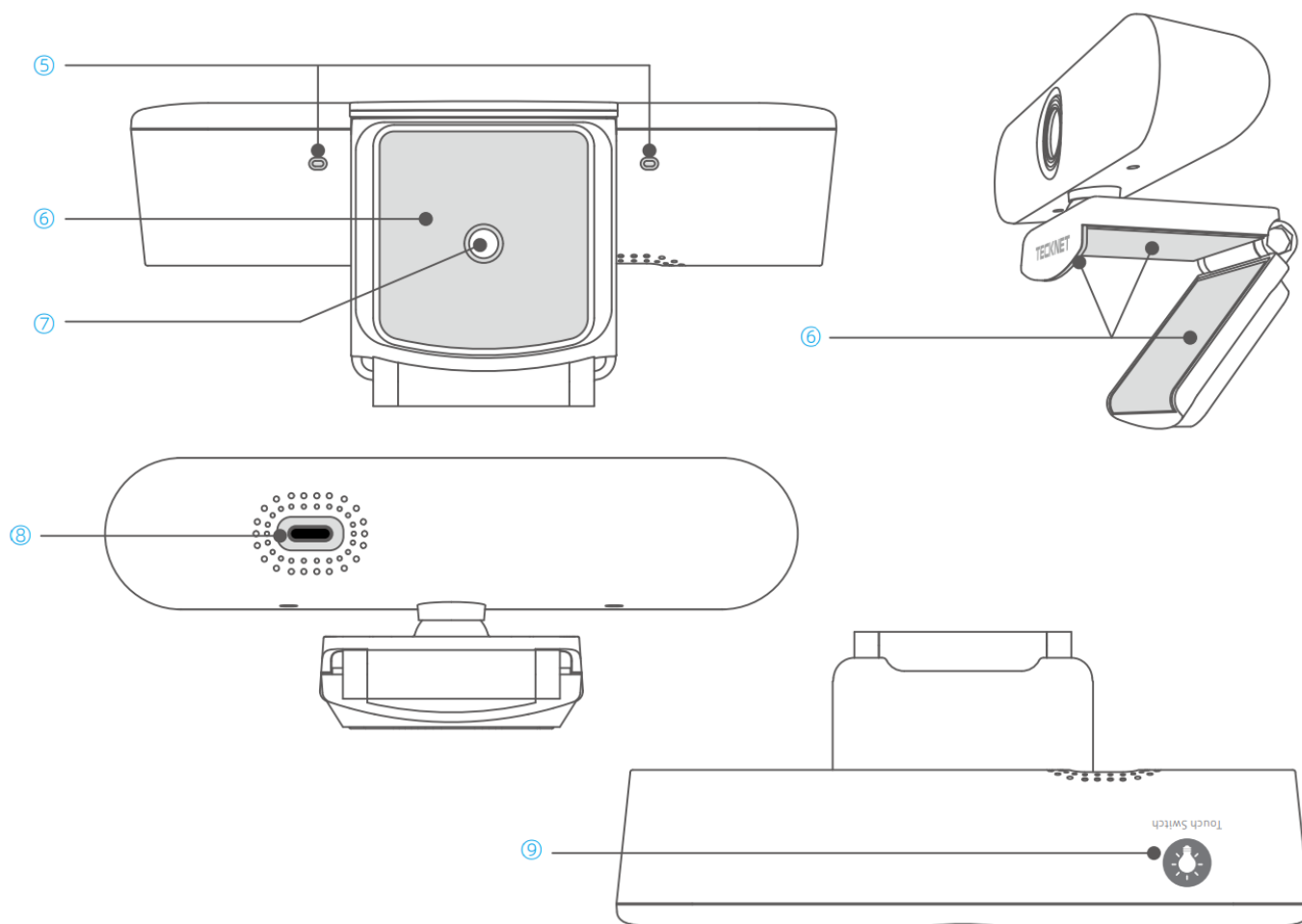CPU: 1.5GHz processor or above
Memory: 512MB RAM or above
Operation System: Window XP, Vista and 7 / 8 / 8.1 / 10; Requires Mac 10.4 or later
Resolution: 800×600 Supported; 640×480 or higher recommended
Video/Sound Card: 16 bit or higher

Product Description

1. HD Lens

2. LED Light

3. Universal ball joint

4. Adjustable clip/base

5. Microphone

6. Slide-proof mat

7. Adjustable clip/base

8. Microphone

9. Slide-proof mat

Usage Scenario

1. Monitor mounted

2. On desktop

3. Installed on a tripod

Setting up your Webcam (on the monitor)

1. Place your webcam

   Plug the USB-C cable into the USB Type-C port behind the webcam.

   Open the Adjustable clip to a proper angle.

   Place it on top of the monitor and adjust the clip for firm support.

Adjust the angle of the camera to obtain an optimal view.

2. Connect your webcam

Plug the Web Camera into one of the USB ports of your computer. If you are using a desktop PC, it will be better to plug it into the USB ports at the back of the computer case.
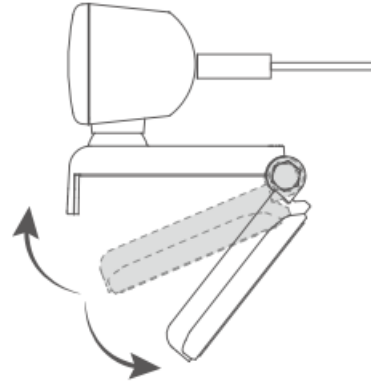
3. Plug and play

It is a plug and play webcam, so there is no extra driver needed.

Please note that there may not be a message prompt for this webcam after it is successfully installed, but it does work.
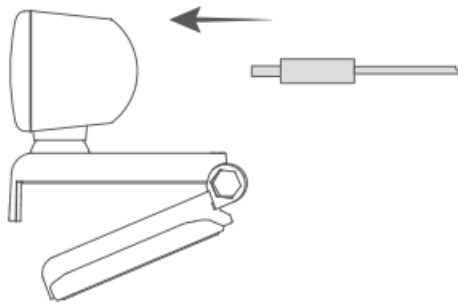
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4. Fixed focus lens

Fixed focus keeps things in focus up to five metres away. No need to adjust the lens focus manually.
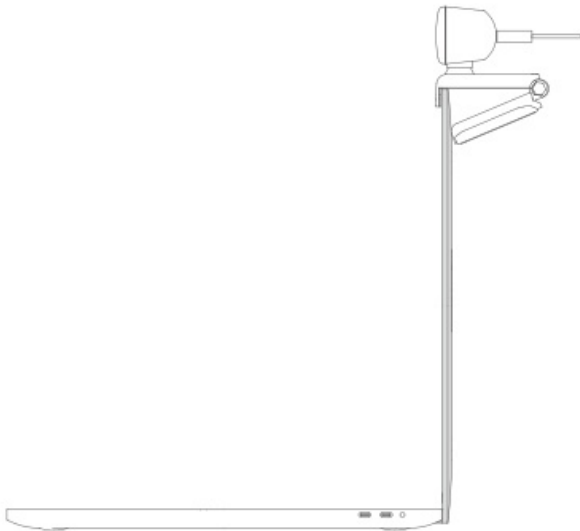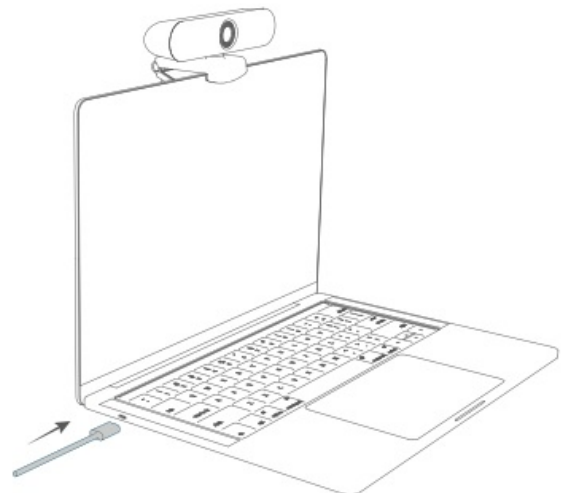
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Getting Started

For Mac OS X Users:
The Web Camera will be automatically installed when you connect it to a Mac; no additional software is required. You will need to open camera software such as Quick Time, Photo Booth, Skype, or Face Time to start streaming the video. Quick Time and Photo Booth are preinstalled on all Macs as standard. To check if the webcam is detected or not, you may click the Apple Menu (in the top left corner of your screen) and then click "About this

Mac". Click on "System Report" from the pop-up window that appears. The system information window for your Mac will appear. Navigate to the USB Section and check to see if the webcam is listed as a connected device (Show as "webcam" like the picture below).

1. FaceTime

So long as the Mac being used meets Apple's guidelines for running Face Time (having either OS X v10.5 installed or, on a small number of models, a built-in iSight camera on OS X v10.4), simply follow the installation instructions for Macs. Your system should automatically detect the Webcam in Face Time.

If your Mac has a built-in camera already, you may open Face Time, click "Video" on the top left of your screen, and choose the "webcam" to use this Web Camera (like the picture below).

2. Skype

Before running Skype, make sure that any other applications that are using the webcam are fully closed. Failure to do so will mean that Skype may not recognize the webcam. It is highly recommended to update your Skype to the latest version.

Once you have installed Skype and started it up, select "Preferences…" from the Skype menu in the top left corner of your screen (like the picture below):
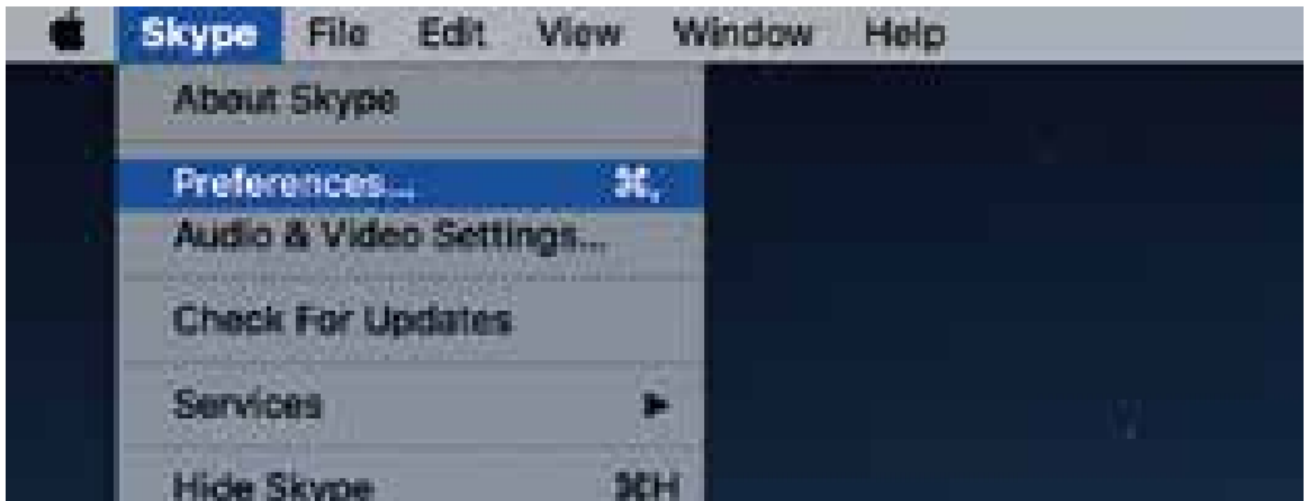
In the "Audio & Video" tab, select "webcam" from the "Camera" dropdown menu, select "webcam" from the "Microphone" dropdown menu.

We recommend the users unchecked the box below the Microphone dropdown menu marked "Automatically adjust microphone settings". This option, when checked, can sometimes cause sound inte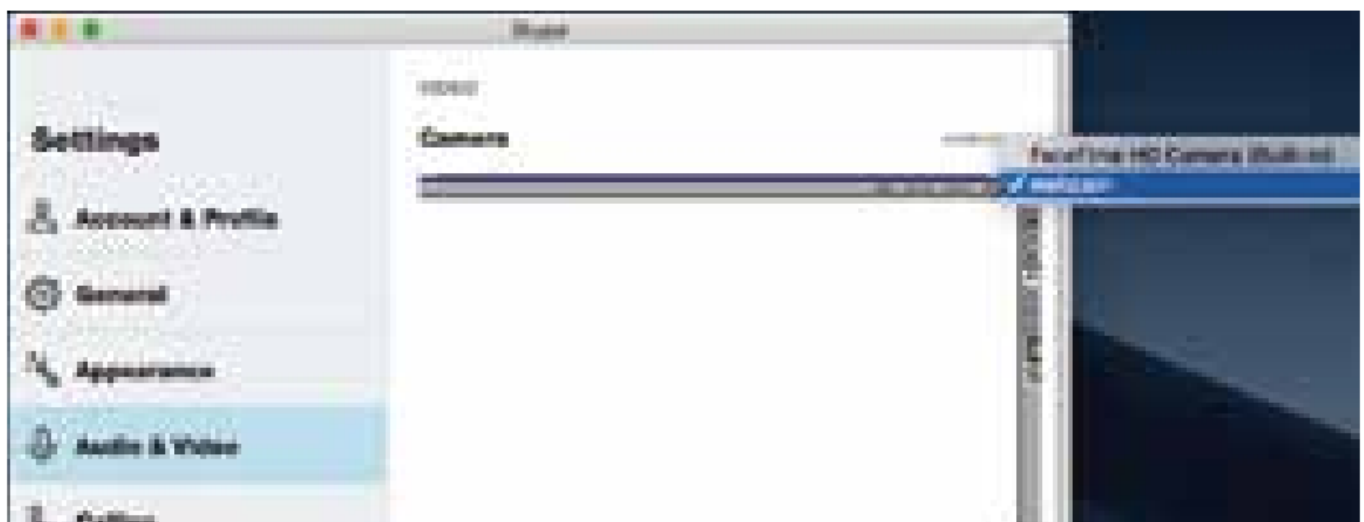rruptions during voice calls. Initially, it is best to set the volume slider a little less than halfway along the bar. You can adjust this later to suit your preferences.

Remember to save your changes before closing the window.

For Windows Users:

The Web Camera is compatible with most Windows operation systems including Windows Vista / 2000 / XP / 7 / 8 / 8.1 / 10.

1. Skype

Open your Skype application. Go to Settings and make sure that your settings are as follows.

~ Audio settings: Select "USB microphone" for Microphone and "Default communications device" (or your soundcard) for Speakers and Ringing.

~ Camera Setting: Select "TECKNET Web Camera" from the dropdown menu.

We recommend the users also unchecked the box below the Microphone dropdown menu marked "Automatically adjust microphone settings". This option, when checked, can sometimes cause sound interruptions during voice calls. Initially, it is best to set the volume slider a little less than halfway along the bar. You can adjust this later to suit your preferences. Remember to save your changes before closing the window.

FAQs

Q: Can I disable the audio so I can use a different microphone?

A: Yes, you can control audio inputs through your computer's control panel.

Q: Can this camera be mounted on a tripod?

A: Yes. There is a screw hole under the base. You can install the webcam on a tripod.

Q: Can I zoom in and out with this webcam?

A: NO, it is unable to zoom in or out.

Q: Can I use a longer cable to extend it?

A: We strongly recommend using the original cable, do not use any extension, which will lead to instability of the video call.

Q: Is this automatic focus or fixed focus?

A: This webcam is fixed focus.

Q: Can this webcam connect to and work with a smart TV?

A: We don't recommend this because some TVs have restrictions on external devices.

Q: After installation, how can I choose the webcam if my computer already has an integrated camera?

A: Please check the Skype setup chapter of this manual for a solution to this problem. Similar steps can be used for the setup of Web Camera on different video call software.

Q: My video is choppy. The frame rate is worse than expected. What should I do?

A: Please note that in low light situations, the frame rate of the capture will drop, making the video appear choppier. To obtain the highest possible frame rate, turn the LED light to the maximum brightness or use the webcam in a well-lit area where the light source is behind the camera and out of the picture.

Lens Care

1. Use a blower to remove dust and lint from the lens surfaces. To remove smudges and fingerprints, apply a small amount of ethanol or lens cleaner to a soft, clean cotton cloth or lens-cleaning tissue and clean from the center outwards using a circular motion, taking care not to leave smears or touch the glass with your fingers.
2. Never use organic solvents such as paint thinner or benzene to clean the lens.
3. Keep the webcam dry. Rusting of the internal mechanism can cause irreparable damage.
4. Leaving the webcam in extremely hot locations could damage or warp parts made from reinforced plastic.

For your safety

CAUTIONS

Do not disassemble. Touching the internal parts of the webcam or lens could result in injury. In the event of malfunction, the product should be repaired only by a qualified technician. Should the product break open as the result of a fall or other accident, disconnect the USB cable from your PC.

Disconnect the USB cable immediately in the event of malfunction. Should you notice smoke or an unusual smell coming from the equipment, immediately unplug the USB cable. Continued operation could result in fire or injury.

Do not use in the presence of flammable gas. Operating electronic equipment in the presence of flammable gas could result in explosion or fire.

Keep out of reach of children. Failure to observe this precaution could result in injury.

Observe the following precautions when handling the webcam:

- Keep the webcam and lens dry. Failure to observe this precaution could result in fire or electric shock .

- Do not handle the webcam or lens with wet hands. Failure to observe this precaution could result in electric shock .

- If the webcam will not be used for an extended period, store the webcam out of direct sunlight .

IMPORTANT SAFETY INSTRUCTIONS-CAREFULLY FOLLOW THESE INSTRUCTIONS.

1. RETAIN THESE INSTRUCTIONS – This sheet contains important safety and operating instructions.
2. Before using the product, read all instructions and caution markings on the product, accessories, and device .
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. Children should be supervised to ensure that they do not play with the appliance.
5. Keep the product away from the fire to avoid an explosion .
6. For proper insertion, please observe polarity indicators ( ).
7. Do not place the product in or near an inflammable, explosive, or hazardous object .
8. Do not operate the product with a damaged cord or plug.
9. Do not operate the product if it has been damaged in any way.
10. Do not disassemble the product. Disassembly may result in a risk of safety hazards.
11. Do not throw or shake the product.
12. To reduce the risk of electric shock, unplug the product from the power supply when not in use or switch off the power supply.

Limited 12-Month Warranty

What this warranty covers.

Shenzhen Unichain Technology Co., LTD. (Manufacturer: "Unichain") warrants to the original purchaser of this TECKNET product that the product shall be free of defects in design, assembly, material, or workmanship.

What the period of coverage is.

Unichain warrants the TECKNET product for 12 Months.

What will we do to correct problems?

Unichain will repair or replace, at its option, any defective product free of charge (except for shipping charges for the product).

What is not covered by this warranty?

All above warranties are null and void if the TECKNET product is not provided to Unichain for inspection upon Unichain's request at the sole expense of the purchaser, or if Unichain determines that the TECKNET product has been improperly installed, altered in any way, or tampered with. The TECKNET Product Warranty does not protect against acts of God such as flood, earthquake, lightning, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (e.g. brownouts or sags), non-authorized program, or system equipment modification or alteration.

How to claim the warranty

Please contact retailers or visit TECKNET website or email **support@tecknetonline.com** for more information. To extend the warranty period, please visit TECKNET website and register your TECKNET products within 90 days of purchase.

Disclaimer

Every effort has been made to ensure that the information and procedures in this guide are accurate and complete, no liability can be accepted for any errors or omissions and we reserve the right to make any changes without further notice to any products mentioned herein.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Shenzhen Unichain Technology Co., Ltd. declares that the product type TK-CA001 is in compliance with Directive 2014/30/EU.

The full text of the EU declaration of conformity is available at the following internet address: **https://eu.tecknetonline.com/**

Correct Disposal of This Product

(Waste Electrical& Electronic Equipment)

This Marking shown on the product or its literature, indicate that it should not be disposed with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.Household user should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contact. This product should not be mixed with other commercial wastes for disposal.

FCC STATEMENT

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.

TECKNET

Documents / Resources

	TECKNET TK-CA001 Web Camera [pdf] User Manual TK-CA001 Web Camera, TK-CA001, Web Camera, Camera

References

- **User Manual**