

## Intex IT-305WC

# Intex PC Webcam Night Vision 600K (IT-305WC) User Manual

Brand: Intex | Model: IT-305WC

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Intex PC Webcam Night Vision 600K (IT-305WC). Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image 1.1: The Intex PC Webcam Night Vision 600K (IT-305WC) unit.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Intex PC Webcam Night Vision 600K (IT-305WC) unit
- USB connection cable (integrated or separate, depending on model variant)
- User Manual (this document)

## 3. SETUP AND INSTALLATION

1. **Connect the Webcam:** Plug the USB connector of the webcam into an available USB port on your

computer. The operating system should detect the new hardware automatically.

2. **Position the Webcam:** The webcam features a clip-on design, allowing it to be securely attached to the top of a monitor (CRT or LCD) or placed on a flat surface. Adjust the angle for optimal viewing.
3. **Driver Installation:** For most modern Windows operating systems (Windows 98/2000/ME/XP/Vista/WIN 7), the webcam is plug-and-play and drivers will install automatically. If prompted, follow the on-screen instructions. If automatic installation fails, refer to the manufacturer's website for driver downloads.
4. **Verify Installation:** After installation, open a video conferencing application or the camera application on your computer to confirm the webcam is recognized and functioning correctly.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Operation

- **Initiating Video:** Launch your preferred video communication software (e.g., Skype, Zoom, Google Meet) or your computer's built-in camera application. Select the Intex PC Webcam as your video input device.
- **Image Resolution:** The webcam supports an interpolated image resolution of up to 16.0 megapixels (4608x3456) for still images and a frame rate of up to 30 frames per second (fps) for video.

### 4.2 Image Control Features

The webcam includes features to adjust image quality. These settings are typically accessible through your video communication software or the webcam's dedicated software (if provided by the manufacturer).

- **Brightness:** Adjust the overall lightness or darkness of the image.
- **Contrast:** Modify the difference between the lightest and darkest areas of the image.
- **Saturation:** Control the intensity of colors in the image.
- **Gamma:** Adjust the tonal response of the image.
- **White Balance:** Correct color casts so that white objects appear white.
- **Image Flip:** Horizontal and vertical flip options are available to adjust image orientation as needed.

### 4.3 Night Vision Feature

The Night Vision feature enhances visibility in low-light conditions. This is typically achieved through built-in LEDs that illuminate the subject, allowing for clearer video capture even in dimly lit environments.

## 5. MAINTENANCE

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- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the webcam lens. Avoid abrasive materials or harsh cleaning solutions.
- **Cleaning the Body:** Wipe the webcam body with a soft, dry cloth. Do not use liquid cleaners directly on the device.
- **Storage:** When not in use for extended periods, store the webcam in a clean, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent damage.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Webcam not detected by computer.	Loose USB connection, faulty USB port, driver issue.	<p>Ensure USB cable is securely connected.</p> <p>Try a different USB port.</p> <p>Restart your computer.</p> <p>Check Device Manager for driver status; reinstall drivers if necessary.</p>
Poor image quality (blurry, dark, grainy).	Insufficient lighting, dirty lens, incorrect settings.	<p>Ensure adequate lighting in the environment.</p> <p>Clean the webcam lens gently with a soft cloth.</p> <p>Adjust brightness, contrast, and white balance settings in your webcam software.</p> <p>Utilize the Night Vision feature in low-light conditions.</p>
Video is choppy or freezes.	Low bandwidth, high CPU usage, outdated drivers.	<p>Check your internet connection speed.</p> <p>Close unnecessary applications to reduce CPU load.</p> <p>Update webcam drivers.</p>

## 7. SPECIFICATIONS

Feature	Detail
Model	IT-305WC
Image Resolution	16.0 Megapixels (4608x3456) interpolated
Frame Rate	Up to 30 fps
Image Control	Brightness, Contrast, Saturation, Gamma, White Balance
Image Flip	Horizontal, Vertical
Monitor Type Compatibility	CRT, LCD
Image Format	RGB 24, I420
Power Consumption	160mW typical
Operating System Compatibility	Windows 98/2000/ME/XP/Vista/WIN 7
Connectivity Technology	USB
Photo Sensor Technology	CMOS
Special Feature	Night Vision
Item Weight	200 g
Dimensions (Package)	17.4 x 13 x 7.4 cm

## 8. WARRANTY AND SUPPORT

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For information regarding warranty coverage, technical support, or service, please refer to the official Intex website or contact Intex customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the Intex Store for more product information:[Intex Official Store](#)