

Fanvil CM60

Fanvil CM60 Portable HD USB Camera Instruction Manual

Model: CM60

1. INTRODUCTION

This manual provides instructions for the Fanvil CM60 Portable HD USB Camera. The Fanvil CM60 is designed to enhance video communication, particularly when paired with compatible Fanvil high-end IP phones. It offers high-definition video capabilities and flexible installation options.

2. PRODUCT OVERVIEW AND FEATURES

The Fanvil CM60 is a portable HD USB camera featuring 1080P resolution at 30 frames per second. It is equipped with a wide 102° Field of View (FOV) lens, ensuring clear and comprehensive video capture. A key feature is its integrated privacy cover, which can be rotated to physically block the camera lens when not in use, safeguarding user privacy. The camera's design allows for versatile placement, including clipping onto an IP phone screen, a computer monitor, or standing independently on a desk.



Image 2.1: Diagram illustrating key features of the Fanvil CM60 USB Camera, including its application on IP phones or PC monitors, the privacy cover, wide-angle lens, and flexible mounting options.

Key Features:

- **High Definition Video:** Supports 1080P video resolution at 30fps.

- **Wide Field of View:** 102° FOV for comprehensive video conferencing.
- **Privacy Protection:** Integrated rotatable cover for the camera lens.
- **Flexible Installation:** Can be clipped onto screens or placed on a desk.
- **Compatibility:** Optimized for use with Fanvil high-end IP phones, such as the Fanvil X7A.
- **Video Codec:** Utilizes H.264 for efficient video compression.

3. SETUP INSTRUCTIONS

Follow these steps to set up your Fanvil CM60 USB Camera:

1. **Unpack the Camera:** Carefully remove the CM60 camera from its packaging.
2. **Connect to Device:**
 - **For Fanvil IP Phones (e.g., X7A):** Connect the USB cable from the CM60 camera to an available USB port on your Fanvil IP phone.
 - **For PC/Laptop:** Connect the USB cable from the CM60 camera to an available USB port on your computer.
3. **Position the Camera:**
 - **Clip-on Installation:** Gently clip the camera onto the top edge of your IP phone screen or computer monitor. Ensure it is stable and securely attached.
 - **Desk Placement:** Place the camera on a flat surface, such as your desk. The integrated stand provides stability.
4. **Adjust Angle:** The camera's vertical adjustment angle is ±20°. Adjust the camera head to achieve the desired viewing angle.



Image 3.1: The Fanvil CM60 camera shown mounted on a Fanvil X7A IP phone, demonstrating a typical setup configuration.

4. OPERATING INSTRUCTIONS

Once the camera is connected and positioned, it is ready for use with compatible applications or devices.

1. **Initiate Video Call/Application:** Start a video call or launch a video conferencing application on your connected Fanvil IP phone or computer.
2. **Select Camera:** In the application settings, ensure that the "Fanvil CM60" or "USB Camera" is

selected as the video input device.

3. Privacy Cover:



Image 4.1: The Fanvil CM60 camera demonstrating the rotatable privacy cover in both open and closed positions.

To activate the camera, rotate the privacy cover to expose the lens. When not in use, rotate the cover back to conceal the lens for privacy.

4. **Video Quality:** The camera automatically provides 1080P HD video. Its 102° FOV captures a wide area, suitable for individual or small group video calls.
5. **Low Light Performance:** The CM60 is designed to perform well even in dimly lit environments.

5. MAINTENANCE

To ensure optimal performance and longevity of your Fanvil CM60 camera, follow these maintenance guidelines:

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optics to gently wipe the camera lens. Avoid abrasive materials or harsh cleaning chemicals.
- **Cleaning the Body:** Wipe the camera body with a soft, dry cloth. If necessary, a slightly damp cloth can be used, but ensure no moisture enters the device.
- **Storage:** When not in use for extended periods, store the camera in a clean, dry place away from direct sunlight and extreme temperatures.
- **Avoid Impact:** Protect the camera from drops or impacts, which can damage internal components or the lens.

6. TROUBLESHOOTING

If you encounter issues with your Fanvil CM60 camera, refer to the following common troubleshooting steps:

- **Camera Not Detected:**
 - Ensure the USB cable is securely connected to both the camera and the host device (IP phone/PC).
 - Try connecting the camera to a different USB port.
 - Restart the host device.
 - Verify that the privacy cover is open and not obstructing the lens.

- **No Video Output / Black Screen:**

- Check if the privacy cover is fully open.
- In your video application settings, confirm that the Fanvil CM60 is selected as the active camera.
- Ensure the application has permission to access the camera (for PC/Mac).

- **Poor Video Quality:**

- Ensure the camera lens is clean and free from smudges or dust.
- Check lighting conditions; while the CM60 performs well in low light, optimal lighting improves quality.
- Verify that your internet connection is stable if using for online video calls.

- **Camera Freezes or Disconnects:**

- Try disconnecting and reconnecting the USB cable.
- Ensure the host device's drivers are up to date (for PC/Mac).
- Avoid using long USB extension cables that may cause power or data issues.

7. SPECIFICATIONS

Feature	Detail
Model	CM60
Video Resolution	1080P @ 30fps
Video Codec	H.264
Field of View (FOV)	102°
Vertical Adjustment Angle	±20°
Connectivity	USB
Special Features	Privacy Cover, Portable, Lightweight
Compatible Devices	Fanvil High-end IP Phones (e.g., X7A), PC/Laptop
Item Weight	7.8 ounces
Package Dimensions	6.14 x 4.69 x 2.24 inches

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Fanvil website. Contact information for customer service is typically available on the product packaging or the manufacturer's support page.

