

WEBCAM 500

USER MANUAL

MODEL 460729



MAN-460729-UM-0613-01

INTRODUCTION

Thank you for purchasing the Manhattan® Webcam 500, Model 460729.

With simple, operation and easy-to-use software, the camera's 5.0-megapixel (software enhanced) CMOS lens captures crisp and clear images and smooth, steady video to share with family and friends. The compact size, attractive finish and plug-and-play installation make it a good accessory for desktop and notebook computers.

The included software easily captures and shares videos and still frames in common AVI video, BMP and JPG formats. Its lightweight and compact size provides easy storage and transport for use almost anywhere with a hinged clip that positions and adjusts the camera on a desk, monitor or notebook computer.

By following the instructions in this user manual — or the simpler setup procedure in the printed quick install guide included with the product — you'll soon be enjoying these additional features:

- Automatic color equalizing, exposure and brightness balance adjustments
- Saturation, contrast, sharpness controls
- Plug and Play installation – Windows compatible
- Lifetime Warranty (For a complete list of country-specific warranties, go to manhattan-products.com/warranty.)

Package Contents

- Webcam 500
- Quick install guide

System Requirements

- IBM PC-compatible computer or notebook with USB port
- Pentium 200 or higher CPU
- Windows Vista/7/8
- 20 MB of HDD space
- VGA display card for DirectX

INSTALLATION

1. With your computer on, plug the camera into a USB port on the PC/notebook/netbook.
2. Use the clip on the camera base to position the camera as desired.
NOTE: You may prefer to wait until you are adjusting the focus ring during the software installation so you can view the camera image. (See the procedures below in Software Installation.)
3. Press the snapshot button to capture and file still images. (Refer to the Capture section in Operation.)

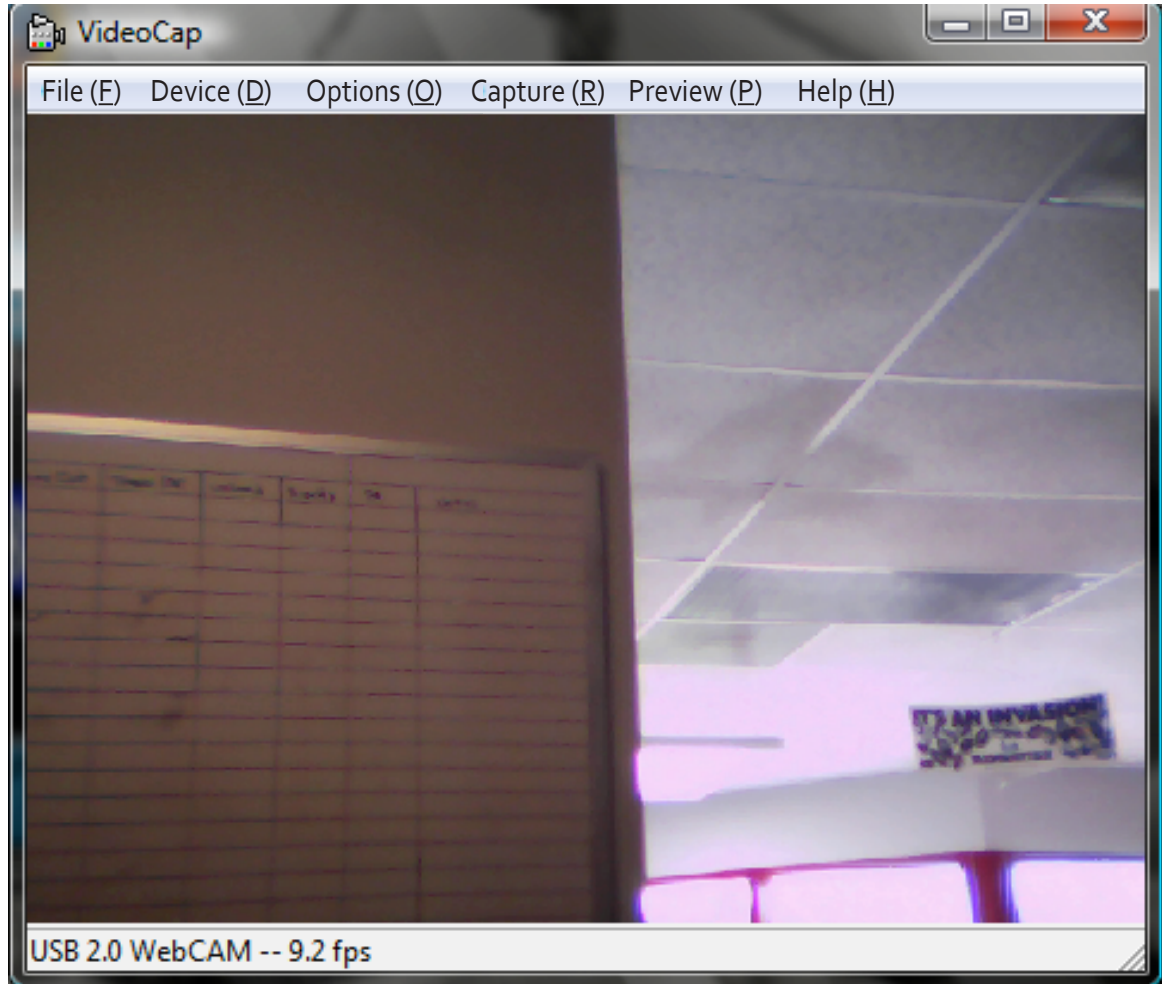
To protect your camera:

- Avoid dropping, jostling or otherwise mishandling it, as this can affect its performance.
- Do not place it in extremely hot, cold or dusty environments. A soft cotton cloth is recommended for cleaning the lens and/or any other optical components
- Prevent camera contact with sharp items (even fingernails) or coarse or wet materials.



OPERATION

1. Connect the camera to your computer through a USB port. The installation procedure will run automatically and display a series of screens.
2. Follow the on-screen instructions for the InstallShield Wizard.
3. Go to Start on your desktop, then Programs. Select “Webcam/Webcam Video-Cap” to display the initial menu screen and active camera image (below).



The Menu bar is at the top of the image screen. To the lower left of the image is information about what camera is being used and the frame rate per second. The feature items on the menu bar — File, Device, Options, Capture and Preview — give you access to the various settings that let you configure your camera for optimal enjoyment.

File

- *Set Capture File Folder*
When this option is selected, a window will open so you can select a location for saving captured video. This only needs to be done once: The VideoCap software program will continue to write to the same folder each time a video is saved.
- *Set Snapshot File Folder*
When this option is selected, a window will open so you can select a location for saving captured snapshots to. This only needs to be done once: The VideoCap software program will continue to write to the same folder each time a snapshot is saved.
- *File Index Reset*
This resets the location of the video and snapshot save locations.
- *Exit*
This exits and shuts down the application

Device

This will display a list of available video input devices and audio input devices. When you make your selections, a check mark will appear next to each active device.

Options

- *Preview*
If this option is selected, the video seen by the camera is displayed in the main screen. If there is no check mark next to Preview, the image on the main screen will not be updated. If video is captured, it will show what is being captured in the main window, even if Preview is not checked.
- *Video Capture Filter*
When this option is selected, the Properties box will open. These options are used to edit the appearance and behavior of the video. Different versions of the software may provide various tabs and selections, but the options are the same. The various tabs will contain options to adjust the appearance of the images (such as color, brightness and hue), image orientation, special effects, framing, face tracking and PTZ features. **NOTE:** Depending on the camera model, not all features may be active.
- *Video Capture Pin*
This option allows for the configuration of the video stream properties. Unlike Filter, this has options such as frame rate, compression and output size settings.

- *Audio Capture Filter*

This allows the configuration of audio input properties. If no audio is selected in Devices, the options will not be available. Properties of the line-in audio and the master input can be edited for treble, base and volume.

Capture

This menu presents a list of various capture options. Still frame resolutions can be selected, and the active resolution will be displayed with a check mark. There are options for audio recording, frame rate, video format and maximum length (in time) of video capture. It is where you can configure the settings for taking snapshots, starting video capture and stopping video capture.

Preview

This menu option will provide different resolutions for the Preview screen. The window will resize itself automatically when a new resolution is selected.

Help

This option provides the version information of the software.

SPECIFICATIONS

Standards and Certifications

- USB 1.1
- CE
- RoHS
- WEEE

Lens

- CMOS Sonix 201 DSP color sensor; 300k pixels (software enhanced; interpolated to 5.0 M pixels)
- Lens: F2.2 1/4-inch lens with focus ring
- Image Focus: 50 mm to infinity

Image

- Maximum resolution up to 2560 x 1920
- Format: AVI, JPG, BMP
- Color depth: 24-bit true color

General

- Automatic color equalizing, exposure and brightness balance adjustments
- Top-mount snapshot button
- Viewing angle: 55° horizontal
- Built-in compression ratio (BMP)

Physical

- Adjustable clip base; cable, 1.4 m (4.5 ft.)
- Dimensions: 15.25 x 3.8 x 8.25 cm (6 x 1.5 x 3.25 in.)
- Weight: 68 g (2.4 oz.)

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