

USB PC Camera User's Manual

Full HD 1080p video webcam

(Please read this manual before use)

Video call services support VGA resolution—not 1080p.

1080p HD recording requires: commercial video software (not included).

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Parameters/Features

- High Resolution HD Digital Camera CMOS Sensor
- Real UVC (plug and play)
- Hi-speed USB compatible with USB 2.0 specification (recommended)
- Up to 2M pixels video call
- Maximum video size: 1920*1080 (2M pixels)
- Maximum snapshot image size: 3200*2400 (8M pixels snapshot)
- 24-bit true color
- Video mode: MJPG and YUY2
- Transmission rate: 1920*1080 up to 30fps under MJPG mode.
- Signal-noise ratio: larger than 48dB
- Dynamic range: larger than 72dB
- Image focus: 3cm to infinity
- Non-compression image processor
- AWB (Automatic Whiteness Balance)
- Manual focus function
- High-precision glass element lens
- Built-in microphone
- Photo frame/Effect/Face tracking and Zoom function (works with Skype, MSN, Yahoo)
- Flexible clip fits laptops, LCD or CRT monitors
- Works with messenger software like Skype, MSN, Yahoo

2. System requirement

VGA video calling:

- 1.0 GHz Intel® Core™2 Duo
- 512MB RAM or more
- 200MB hard drive space
- 1 Mbps upload/download or higher
- Internet connection
- USB 1.1 port (2.0 recommended)
- Windows XP/XP SP2/Vista/7, Mac OS 10.4.8 and later (only UVC support)

HD 720P / HD 1080P video recording:

- HD 720P: 2.0 GHz Intel® Core™2 Duo / HD 1080P: 3.0 GHz Intel® Core™2 Duo
- HD 720P: 1GB RAM / HD 1080P: 2GB RAM
- 200MB hard drive space
- USB 2.0 port
- 1 Mbps upload speed or higher
- HD 720P: 1280 x 720 / HD 1080P: 1920 x 1080 screen resolution

3. Package contents

- PC Camera
- User's manual
- Driver CD

4. Installation/Uninstallation

(Please connect webcam with PC/NB before driver installation)

4.1 Place the driver CD into your CD-ROM. The computer will autorun the driver installation. Please choose 'driver install' and the system will automatically install the driver (figure 1).

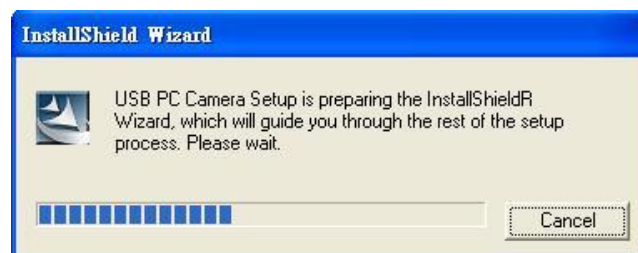


Figure 1

4.2 Click "Next" to continue installation (Figure 2).

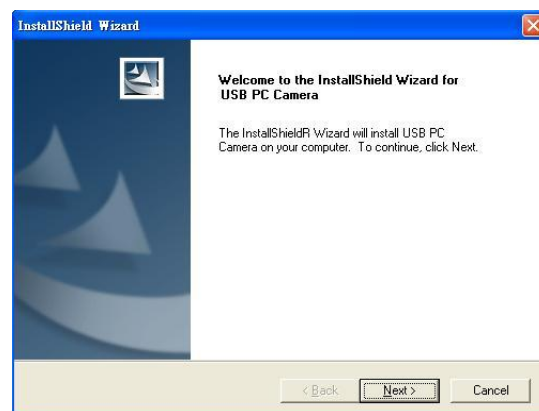


Figure 2

4.3 Installing (Figure 3)

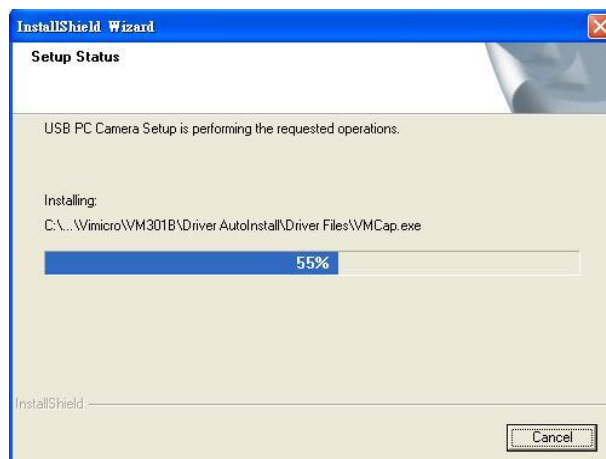


Figure 3

4.4 Click "***Automatically run Realtek camera manager when you start up the computer***" (Figure 4). The camera icon will appear in system tray(Figure 5).

Figure 4

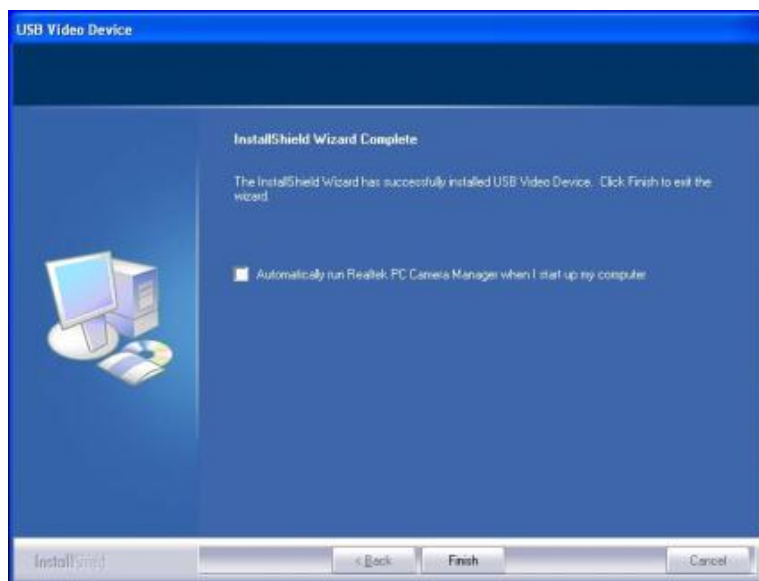
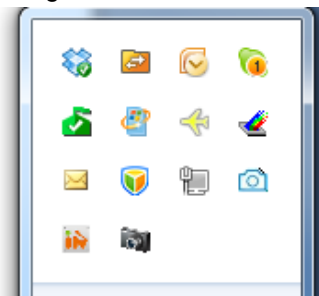
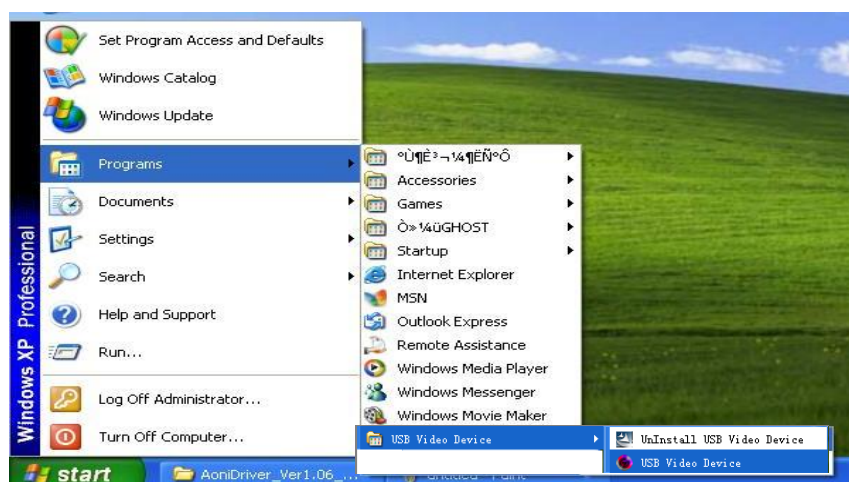


Figure 5



4.5 Start your webcam by selecting the "***USB Video Device***" application from Start menu (Figure 6).

Figure 6



4.6 If you want to remove the program, you can choose “*Uninstall USB Video Device*” from the *Start* menu (Figure 7) or *Add or Remove Programs* from the control panel (Figure 8) to proceed. Choose “*USB Video Device*” and follow uninstall procedure step by step.

(Figure 7)

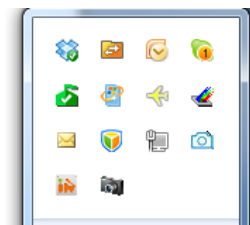


(Figure 8)

Skype Click to Call	Skype Technologies S.A.	2011/11/1
Skype™ 5.5	Skype Technologies S.A.	2011/11/1
StarfishV1.0	Beijing Interjoy Technology Limited	2011/6/15
The KMPlayer (remove only)		2011/5/11
USB Video Device	Realtek Semiconductor Corp.	2012/3/15
Vimicro UVC USB2.0 PC Camera	Vimicro Corporation	2012/3/21
Windows Live Mesh ActiveX Control for Remote Connecti...	Microsoft Corporation	2010/12/8

How to use USB Video Device

Use the “*USB Video Device*” application that appears in the program bar at the bottom right hand corner of your screen



- How to preview the picture?

Click the “**USB Video Device**” and click the Preview Window. You will then be able to see the picture.

Preview Window



- How to take a picture?

To capture a still image, use the “**USB Video Device**” application that appears in the program bar at the bottom right hand corner of your screen. Double click it, and then select “**Snap Shot**” and your desired image size. Click “**Save**” and choose the save disk. Click on “**photograph**”; a screen with a preview of the taken photo will appear. The name for the file will be automatically generated by computer time



- How to adjust the resolution?

By Clicking the “**USB Video Device**”, choose Data Information and adjust the resolution of preview window if needed. Note that the window size will remain at the VGA size (640x480) to allow you to immediately see the effect when adjusted. You can also choose the Language from the bottom of panel below.



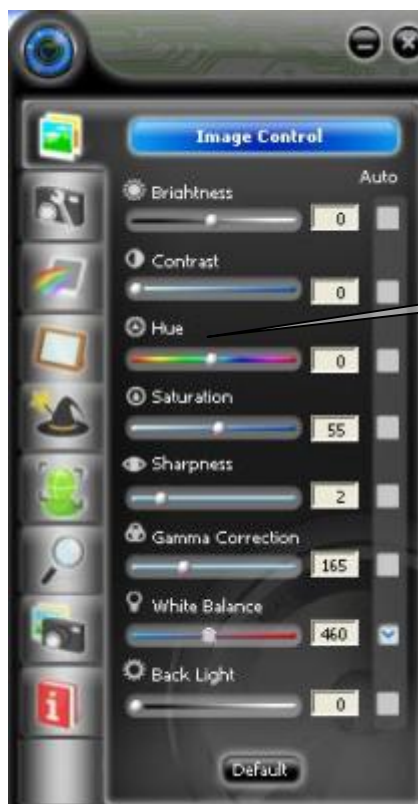
Language list



Please note: high resolution will decrease videoing speed(fps).

- How to adjust settings?

By clicking the Video Capture Filter, you can adjust settings. Here you can adjust the quality of the picture.



Adjust the parameter to your favorite setting

Please set the frequency the same as your local power supply

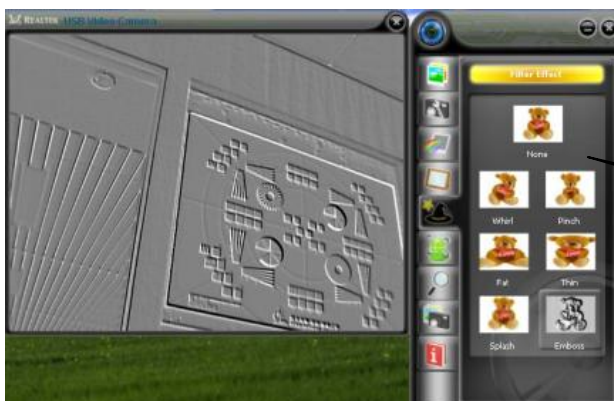
Click it under low-light surrounding



You can set image style/photo frame and filter effect for your video and pictures.



Photo frame setting field



Effects setting field



In this area, you can achieve face tracking function



In this area, you can achieve zoom function