Webcam

Windows®2000 /XP /VISTA/7 compatible

Introdução

Obrigado por escolher a nossa nova geração de webcam! É uma webcam de alta performance garantida pela nossa tecnologia e qualidade. É um produto PNP (Plug and Play) que utiliza transferência de dados em tempo real via USB. Tem alta resolução e alta taxa de transmissão, possuindo um designe moderno e fácil de transportar, trazendo a você uma ótima interação com seus amigos e familiares por meio de nossa tecnologia.

Parte A :

Performance sem o driver instalado

A-1. Parâmetros e Características

- Resolução 350k pixels.
- Alta resolução CMOS sensor de cor.
- Modo de Vídeo: 24bit true color.
- Largura máxima da captura de vídeo: 640 × 480.
- Interface: USB2.0 high-spee.
- Taxa de Transmissão: 640 × 480 up to 30fps.
- Noise-signal ration: maior que 48db (30fps 220LUX).
- Alcance dinâmico: maior que 72db.
- Freqüência Opcional: 50Hz ou 60Hz.
- Foco de Imagem: 5cm ao infinito.
- Compressão de imagem integrada.
- Ajuste automático do brilho.
- Compressão automático da co.
- Foco Manual.

Webcam

Windows®2000 /XP /VISTA/7 compatible

A-2. Requerimento do sistema

Hardware:

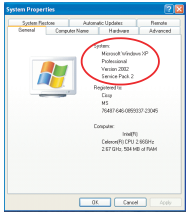
- Desktop PC ou laptop com interface USB2.0.
- Pentium 200 ou superior.
- 32MB ou superior.

Software:

- Sistema operacional:
  - Windows XP service pack 2 ou versões mais atuais.
  - Compatível com Windows Vista/ 7.

A-3. Instalação da câmera (sem o driver)

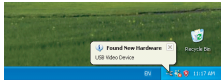
1. Checar o seu sistema operacional. Clique com o botão direito em "meu computador" encontre **"propriedades"**, para ver o sistema operacional como na imagem abaixo.



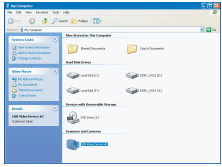
Webcam

Windows®2000 /XP /VISTA/7 compatible

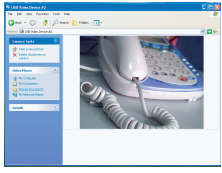
2. Se você notou que o seu sistema operacional é Windows XP service pack 2 ou superior, então você pode conectar a sua webcam na porta USB, No seu computador será mostrado como abaixo "Novo Hardware encontrado dispositivo de vídeo USB ", Isto indica que a sua câmera está instalada e pronta para o uso.



3. Onde eu posso verificar a captura de vídeo?
Dois cliques sobre **"Meu computador"** então você vai ver **" Dispositivo de vídeo USB"** como na imagem abaixo:



4. Dois cliques no **"Dispositivo de vídeo USB"**, então você pode visualizar a captura de vídeo na janela a seguir e também capturar imagens.





Webcam

Windows®2000 /XP /VISTA/7 compatible

Parte B:

Performance após instalação do driver

Nota: No Windows XP Service Pack 2 , **Favor conectar a webcam na mesma porta onde foi instalada com um driver.** Caso seja conectada em outra porta USB diferente da primeira a qual foi instalada o driver, a câmera procederá como foi indicado na **Parte A.**

B-1. Performance e características:

- Resolução de 20 Mega pixels.
- Alta resolução CMOS sensor de cor.
- Modo de Vídeo: 24bit true color.
- Largura máxima da captura de vídeo: 5160 x 3870 .
- Interface: USB2.0 high-speed.
- Taxa de Transmissão: 640 × 480 maior que 30fps.
- Noise-signal ration: maior que 48db (30fps 220LUX).
- Alcance dinâmico: maior que 72db.
- Freqüência opcional: 50HZ ou 60HZ.
- Foco de imagem: 5cm ao infinito.
- Compressão de imagem integrada.
- Ajuste automático do brilho.
- Compressão automática da cor.
- Foco Manual.

B-2. Requerimento do sistema

Hardware:

- Desktop PC ou laptop com interface USB2.0
- Pentium 200 ou superior

Webcam

Windows®2000 /XP /VISTA/7 compatible

- 32MB ou superior.
- Acima 200MB de espaço livre em disco.
- 32MB ou mais de memória.
- Drive de CD ROM.

Software:

- Sistema Operacional:
  - Windows 2000, XP service pack 1.
  - Windows XP service pack 2 ou acima.
  - Compatível com Windows Vista/ 7.

B-3. Instalação do Software Driver da webcam.

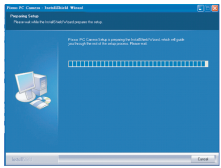
1. Insira o cd de software no seu driver de CD ROM, e encontre o software como mostrado abaixo e execute o arquivo para começar a instalação.



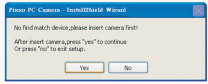
Webcam

Windows®2000 /XP /VISTA/7 compatible

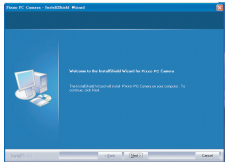
2. Instalando Software.



3. Essa tela aparece para lembrá-lo de conectar a webcam na porta USB antes de continuar a instalação do drive, após conectar a USB pressione “YES” para continuar a instalação.



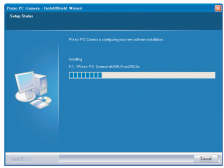
4. Então, clique no botão “Next”.



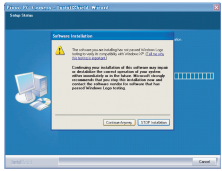
Webcam

Windows®2000 /XP /VISTA/7 compatible

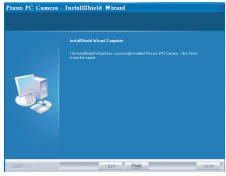
5. Continuando a instalação.



6. Escolha continue assim mesmo “Continue Anyway” para continuar, caso esta tela apareça.



7. Clique em finalizar “Finish” para finalizar e sair do software de instalação.



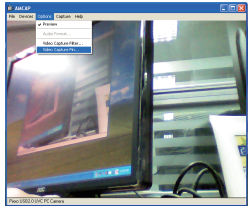
Webcam

Windows®2000 /XP /VISTA/7 compatible

8. Clique em iniciar, encontre " Pixxo USB2.0 UVC PC Camera " e depois clique em "amcap" para iniciar a captura de vídeo **"All Programs"**.



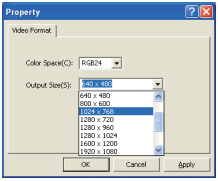
9. Inicie a captura de vídeo, escolha "Video Capture Pin…" no menu de opções "from the "Options" para ajustar o tamanho do vídeo.



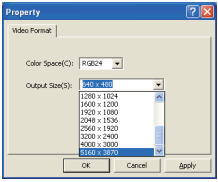
Webcam

Windows ®2000 /XP /VISTA/7 compatible

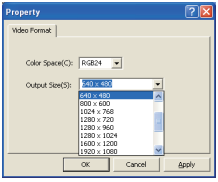
10. Para ajusta o tamanho da imagem de 640 x 480 a 5160 x 3870 ;Tamanhos de vídeo abaixo de 1024 x 768, terá uma taxa de 30fps;



Se o tamanho for de 1024 x 768 a 5160 x 3870 a taxa será de 15fps.



11. Os efeitos especiais da webcam (Efeito de imgem, modura, rastreio de face, funções de efeitos de face, etc.) estão apenas disponíveis no tamanho de imagem 640 x 480.



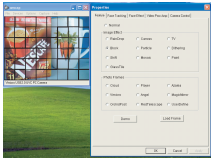
Webcam

Windows®2000 /XP /VISTA/7 compatible

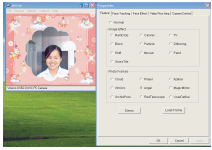
12. Depois de você ter selecionado a captura de vídeo abaixo de 640 x 480 , então escolha “Video Capture Filter…” no menu de opções “Options”, para selecionar os efeitos especiais.



13. 10 tipos de efeitos de imagens para você selecionar.



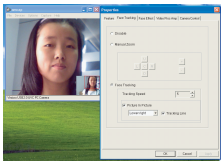
14. 9 tipos de molduras padrão p/ você selecionar, e você também pode criar suas próprias molduras clicando em “Load Frame”.



Webcam

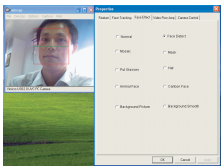
Windows®2000 /XP /VISTA/7 compatible

15. Função de enquadramento da face.

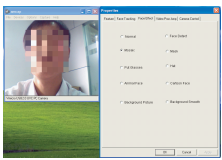


16. Função efeitos de face. (9 tipos):

a. Detectar face.



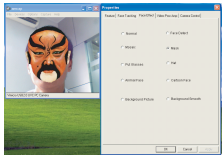
b. Mosaico.



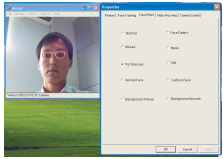
Webcam

Windows®2000 /XP /VISTA/7 compatible

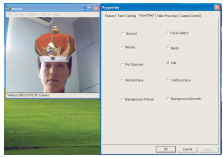
c. Máscara.



d. Por óculos.



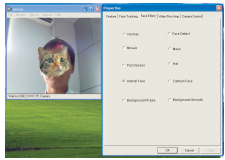
e. Coroa.



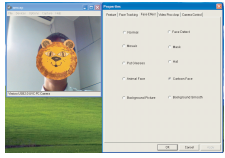
Webcam

Windows®2000 /XP /VISTA/7 compatible

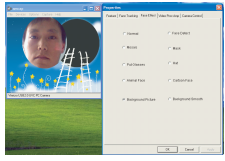
f. Rosto de animal.



g. Face em desenho.



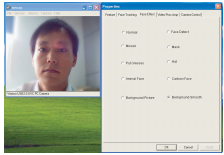
h. Plano de fundo.



Webcam

Windows®2000 /XP /VISTA/7 compatible

i. Suavização de plano de fundo.



Cuidados:

- Não toque com a mão na lente, objetos pontudos ou ásperos; use materiais macios para limpeza.
- Não usem em lugares muito quentes, frios ou úmidos.
- Evite movimentá-la durante o uso. Quedas podem causar danos a lente mau funcionamento ou arranhões.

Acessórios:



- CD de instalação
- Manual do usuário



Webcam

Windows®2000 /XP /VISTA/7 compatible

Introduction

Thank you for choosing our new generation Web Cam (pc camera)! It is a high performance Web Cam (pc camera) product guaranteed by our technology and quality. It is a PNP (Plug and Play) product for real-time data transmission to PC via USB Port. It has a high resolution and fast transmission rate, and it is also nice-looking and easy to carry with you, it just brings intimate and convenient life experience with your distant friends and families.

Part A:

Performance without driver software installed

A-1. Parameters and features

- 350k pixels resolution.
- High resolution CMOS color sensor.
- Video mode: 24bit true color.
- Large video capture size: 640 × 480.
- Interface: USB2.0 high-speed.
- Transmission Rate: 640 × 480 up to 30fps.
- Noise-signal ration: greater than 48db (30fps 220LUX).
- Dynamic range: greater than 72db.
- Optional flicker: 50Hz or 60Hz.
- Image focus: 5cm to infinity.
- Build-in image compression.
- Automatic brightness adjustment.
- Automatic color compensation.
- Manual focus.

Webcam

Windows®2000 /XP /VISTA/7 compatible

A-2. Computer Requirement

Hardware:

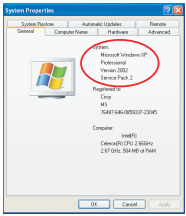
- Desktop PC or laptop PC with USB2.0 interface
- Pentium 200 or higher CPU
- 32MB or higher memory

Software:

- Operation system:
  - Windows XP service pack 2 or above version;
  - Windows Vista/ 7 compatible.

A-3. Camera Installation (without driver software)

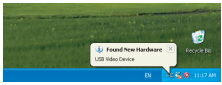
1. Check your operation system. Right click on **"My Computer"** find out **"Properties"**, to see the operation system of your computer from the below picture.



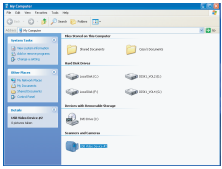
Webcam

Windows®2000 /XP /VISTA/7 compatible

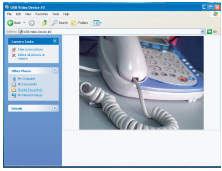
2. If you have check out your OS is the version of Windows XP service pack 2 or above, than you can plug the PC camera into the USB interface, on the computer will show as below picture "Found New Hardware USB Video Device", this is to say your PC camera hardware can be used now.



3. Where you can preview the PC camera video capture?
Double click on **"My Computer"** on the desk, then you will find **"USB Video Device #*"** from the following window:



4. Double click on **"USB Video Device #*"**, then you can preview the video capture as in the following window, also you can take still captures here.





Webcam

Windows®2000 /XP /VISTA/7 compatible

Part B :

Performance after driver software installed

Note: Under the Windows XP Service Pack 2 operation system, please make sure you plugged the camera USB into the initial USB interface that you had installed driver software. Otherwise, you plug the camera into other USB interface not installed driver software, the camera will performance as **Part A.**

B-1. Parameters and features

- 20Mega pixels resolution
- High resolution CMOS color sensor
- Video mode: 24bit true color
- Large video capture size: 5160 x 3870
- Interface: USB2.0 high-speed
- Transmission Rate: 640 × 480 up to 30fps
- Noise-signal ration: greater than 48db (30fps 220LUX)
- Dynamic range: greater than 72db
- Optional flicker: 50Hz or 60Hz
- Image focus: 5cm to infinity
- Build-in image compression
- Automatic brightness adjustment
- Automatic color compensation
- Manual focus

B-2. Computer Requirement

Hardware:

- Desktop PC or laptop PC with USB2.0 interface
- Pentium 200 or higher CPU

Webcam

Windows®2000 /XP /VISTA/7 compatible

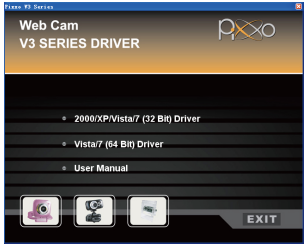
- 32MB or higher memory
- Over 200MB free hard disc space
- 32MB or higher memory
- CD Rom drive

Software:

- Operation system:
  - Windows2000 service pack 4;
  - Windows XP service pack 2 or above version;
  - Windows Vista/ 7 compatible.

B-3. Camera Driver Software Installation

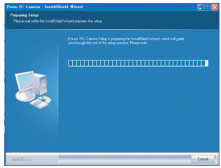
1. Insert the software CD to your CD-ROM drive, and find the software from the CD ROM as below, click it to start the driver installation.



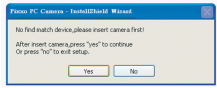
Webcam

Windows®2000 /XP /VISTA/7 compatible

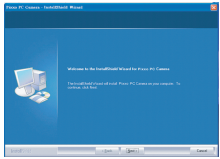
2. Software installing



3. This window appears to remind you plug the PC camera USB into the computer interface first before you install the driver. After you inserted the camera into the USB interface, please press “Yes” to continue.



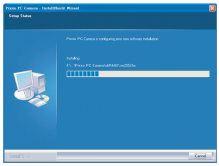
4. Then, click on the “Next”



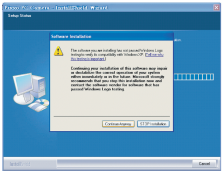
Webcam

Windows®2000 /XP /VISTA/7 compatible

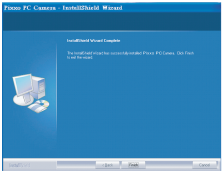
5. Continue the installation



6. Choose “Continue Anyway” to continue, when this window appears.



7. Click on “Finish” to exit and finish the software installation.



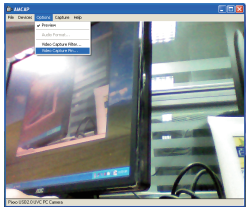
Webcam

Windows®2000 /XP /VISTA/7 compatible

8. From the **"start"** menu, find out "amcap" under " Pixxo USB2.0 UVC PC Camera " from **"All Programs"**, to start the video capture.



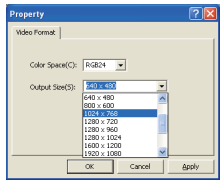
9. Start the video capture, and choose the "Video Capture Pin…" from the "Options" to adjust the capture picture size.



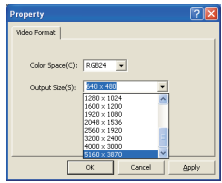
Webcam

Windows®2000 /XP /VISTA/7 compatible

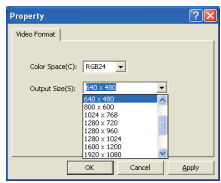
10. To adjust the picture size from 640 x 480 to 5160 x 3870 ; Picture size under 1024 x 768, the video frame rate up to 30fps;



If the picture sizes you choose from 1024 x 768 to 5160 x 3870 the frame rate being 15fps.



11. PC camera special effects (Image effect, Photo frame, Face tracking, Face effect functions, etc.) are only available under the image size of 640 x 480



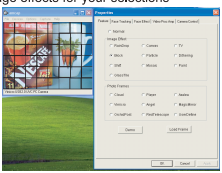
Webcam

Windows®2000 /XP /VISTA/7 compatible

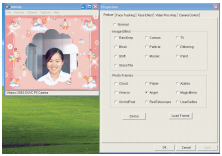
12. After you choose the video capture size under 640 x 480, then choose the "Video Capture Filter…" from the "Options" to adjust the video capture special effects.



13. 10 sorts of image effects for your selections



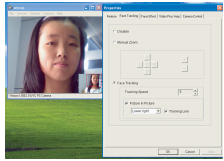
14. 9 sorts of embedded photo frames for your selections, also you can load frames by yourself from "Load Frame"



Webcam

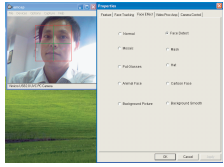
Windows®2000 /XP /VISTA/7 compatible

15. Face tracking function.

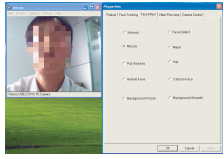


16. Face effect functions (9 sorts):

a. Face Detect



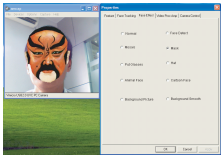
b. Mosaic



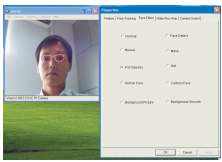
Webcam

Windows®2000 /XP /VISTA/7 compatible

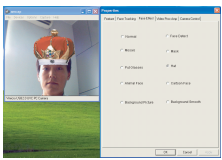
c. Mask



d. Put Glasses



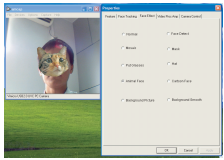
e. Crown Hat



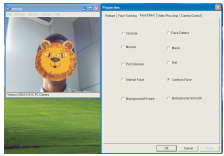
Webcam

Windows®2000 /XP /VISTA/7 compatible

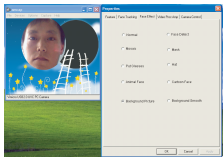
f. Animal Face



g. Cartoon Face



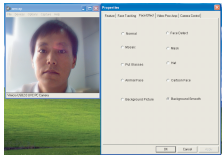
h. Background Picture



Webcam

Windows®2000 /XP /VISTA/7 compatible

i. Background Smooth



Cautions:

- Do not touch the lens with your hand, sharp or roughness things; make use of clean and soft materials for cleaning.
- Do not use it in hot, cold and dusty or humid circumstances.
- Avoid any tumbling while in use. Severe falling may cause damages to the lens, malfunction of scratches to the surface

Accessories:



- Installation CD
- Webcam User Manual