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MANUAL PCE-ME 100

Package Contents

When first opening the packing box, note carefully the following parts:
·PCE-ME 100 Digital Cam   ·Driver CD   · Adaptor ring   ·Installation Instruction   ·USB2.0 Cable

System Requirements

- **Windows 98/2000/XP/VISTA**
- Pentium III 800 MHz or equivalent
- 100 MB free hard drive space for program installation
- 256 MB RAM (512 MB DDR RAM recommended)
- 16-bit color display at 800x600 (32 MB video memory with DirectX 3D support recommended)
- DirectX 8.1 or higher

Driver installation

1. Do not plug the USB cable into your PC at this time close any programs that are running.
2. Place the CD in the CD-ROM .
3. Please select the" install PCE-ME 100 driver" to install the camera's Driver.
4. The install wizard appears. Please wait.
5. Select the language   and click the **"NEXT"** to continue until finishing the installation.
6. Connect the camera to your PC, the PC will find new USB device. Please click "NEXT" to continue until the camera can work normally.
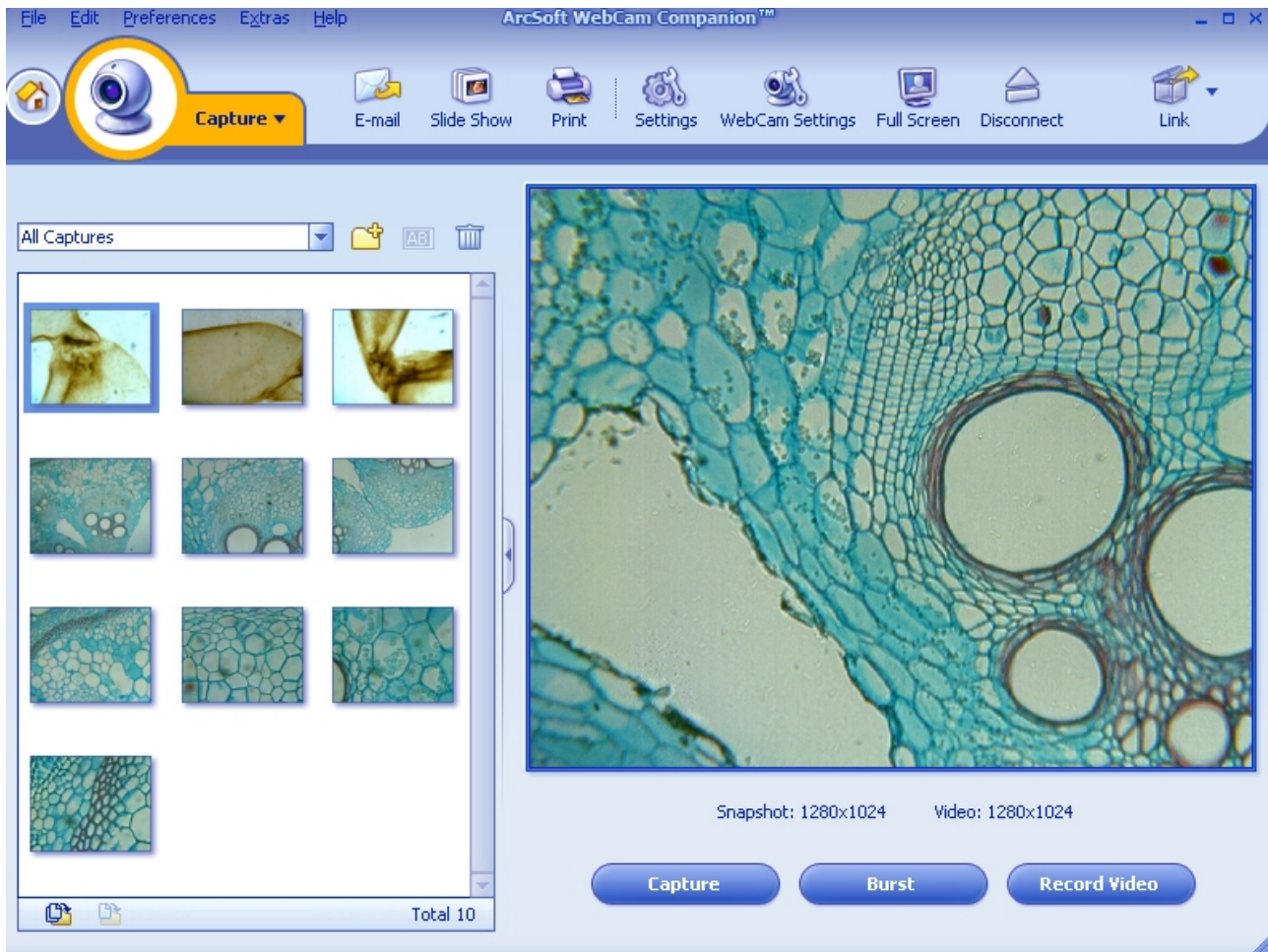
Install The application software

1. Click the" Webcam Companion2" to stall the application software.
2. Select the language   and click the **"NEXT"** to continue
3. Setup Complete. Please click **"Finish"** button to exit install.
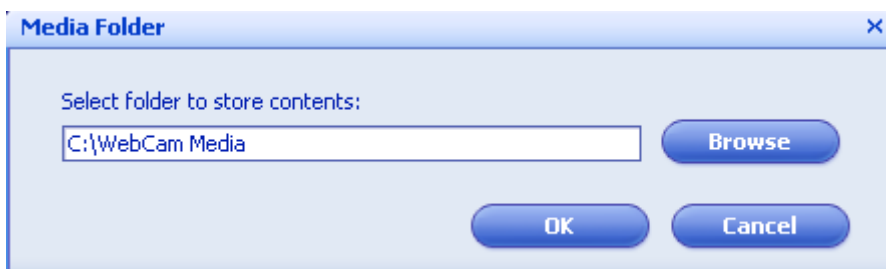
Using webcam campanion2

1 Select "start-Programs -- ArcSoft WebCam Companion2-- WebCam Companion2" or click the" shortcut webcam companion2" on the desktop to run the software.
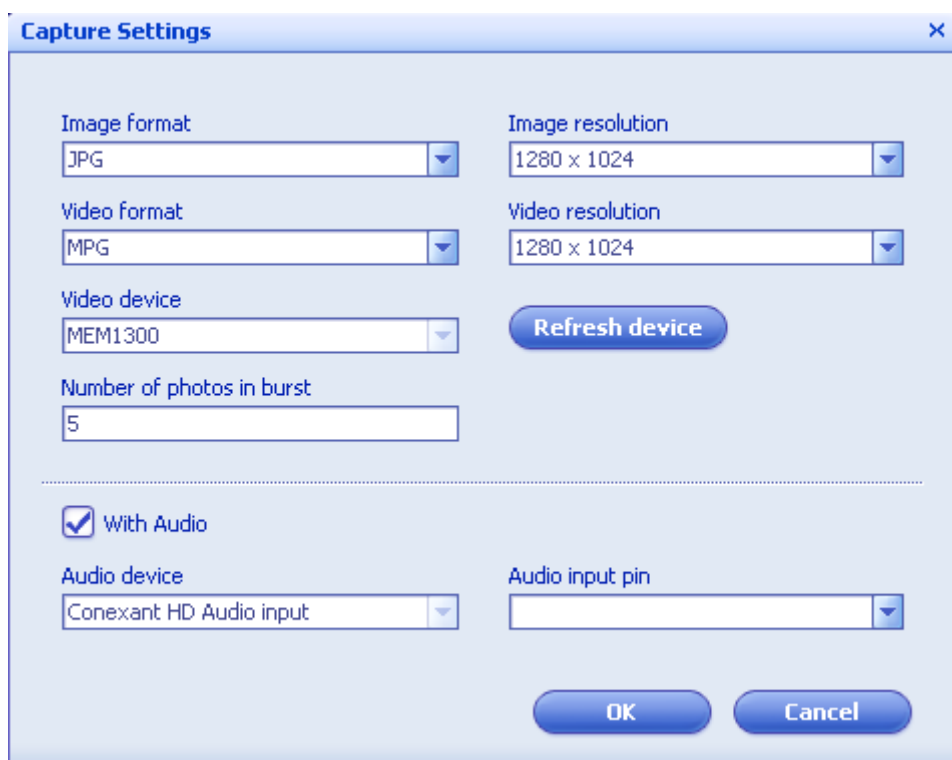
2 Please click "capturer" to start work with camera. You will see the following image

3 Before capturing, please select "preferences---Media folder" to save pictures or media which you want.

4 click **Settings** to choose the parameters you want to get.

Capture Settings ✕

Image format
JPG

Image resolution
1280 x 1024

Video format
MPG

Video resolution
1280 x 1024

Video device
MEM1300

Refresh device

Number of photos in burst
5

☑ With Audio

Audio device
Conexant HD Audio input

Audio input pin

OK   **Cancel**

5 click **WebCam Settings** to adjust the camera's preference.

PCE-ME 100 (1.3 megapixel) is professionally designed for microscope, which is usually to be connected to either microscope eyepiece tube or the trinocular c-mount. PCE-ME 100 captures stills photos of 1280*1024 pixel and video clips of 640*480 pixel. The special design of IC Board enables PCE-ME 100 offer true colour and bright image, and with a advanced imaging software you can create excellent microscopy reports by setting density, contrast, saturation, sharpness and exposing time. PCE-ME 100 keeps the balance between resolution and transmitting rate. It is hard to process a big image file on net, so more resolution is not always better.

SPECIFICATIONS

Sensor Parameter	1/2" 1.3 Mega Pixels CMOS
Max Resolution	1280*1024
USB Device	USB 2.0, 480 MB /s
Frame Rate	16 f/s @ 1280*1024
Preview Model	1280*1024, 640*480, 320*240
Pixels Size	5.2μm *5.2μm
Sensitivity	1.8 V/lux-sec@550nm
Spectrum response	400nm---1000nm
Shutter Type	ERS(electronic rolling shutter)
White Balance	Auto
Accessories	One adapter of Dia.30 mm for stereo microscope
USB cable length	1.5M
Operating System	Windows--XP2,Vista
Basic PC*	Pentium4 2.0GHz or more
	512MB RAM or more
	USB 2.0 Port
	17" Monitor or more big

PACKAGE
Unit package:19*13.4*8.6cm*3
Standars package:68*39*44.5cm*3

In this direction will find a vision of the measurement technique:
http://www.industrial-needs.com/measuring-instruments.htm

NOTE: "This instrument doesn't have ATEX protection, so it should not be used in potentially explosive atmospheres (powder, flammable gases)."