# SPECIFICATION

|	
Image Sensor	Color CMOS Sensor:640X480 Pixel
Controller	High Speed DSP
Lens	Dual Axis 27X&100X Micro-Scope Lens
Focus Range	Manual Focus from 10mm~Infinite
Snap Shot	Software and Hardware(Option)
Video Capture Resolution	1280X960,800X600,640X480, 352X288,320X240.160X120
Still Image Capture Resolution	Up to 1280X960
Frame Rate	Max:30f/s Under 600 Lux Brightness
Flicker Control	50Hz/60Hz Option
Video Format	AVI
Light Source	White Light LED X 4
Magnification	10X~200X(Manual)
Power Supply	USB Port(5V DC)
Software Compatibility	TWAIN / VFW / Direct Show AP(Driver)
System Requirement	Pentium Computer with 700M Hz & Above,20M HD Space CD ROM Driver,64MB RAM,Direct X VGA Card
Interface	USB 1.1 & USB 2.0 Compatible
Dimension	112 mm(L)X33 mm(R)
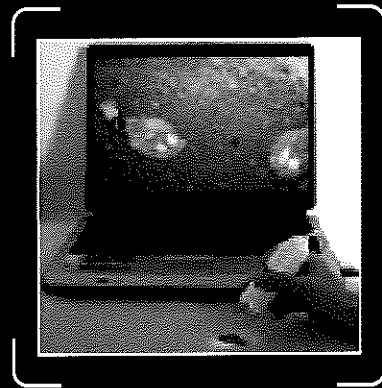
IC Bonding Wire

Screw

Hair
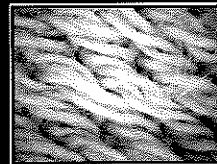
Towel

PCB

Skin

USB FC CE MAN1000 S/N:09080100004

Ser
Manual
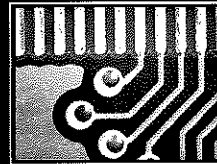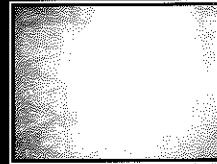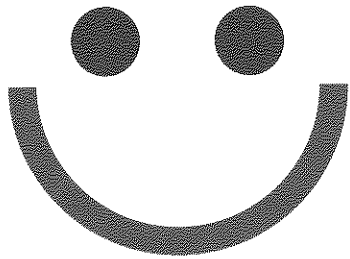
USB DIGITAL MICROSCOPE

Ser
Manual

USB DIGITAL MICROSCOPE

Introduction

This is a smart-handy size Digital Microscope! It can easily link to your PC and applicated well in many different field:

A Electronic Filed: Visual work to PCB and components
B Material: Find powder, Material surface
C Beauty shop: Watch closely the hair skin
D Education: Find a small world

Based on the PC supports, this Digital-Microscope can do many powerful works, compare with the traditional Microscope. It can provide more friendly functions: Snap a digital photo, one key start and the compact size make your observation easily from any angle of view. Digi-Microscope will support the user do their work more easily and never miss a detail.

Parameters And Features

* 300K 480K 1300K Pixels Resolution
* High solution CMOS color sensors
* Large window capture size: 640x480
* Video mode: 24bit true color
* Interface: USB port
* Transmission rate: 320x240 30F/s
                    640x480 15F/s
* Noise-signal ratio: greater than 48dB (30F/s 220LUX)
* Dynamic range: greater than 72dB
* Image focus: 5cm to ∞
* Build-in image compression
* Automatic brightness adjustment
* Automatic color compensation
* Manual focus

System requirements

* IBM PC or compatible PC or laptop with USB port
* Pentium 200 or higher CPU
* Windows 98SE/ME/2000/XP operation system
* Over 200MB free harddisc space
* CD-ROM drive
* 32MB or higher memory
* Support DirectX VGA card

Driver installation

1. Insert Driver/Application disc into CD-ROM drive and open driver directory. Double click Driver-setup\Setup. exe and the system will automatically run necessary files and display a window as following
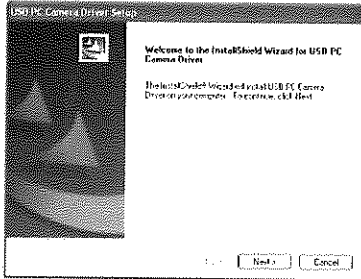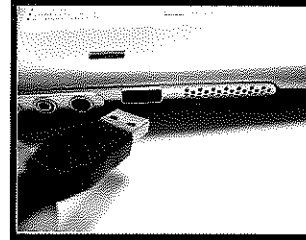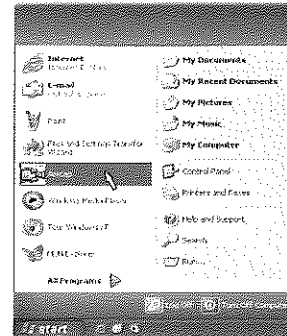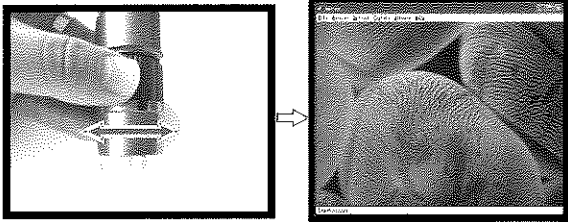

Click "Next"
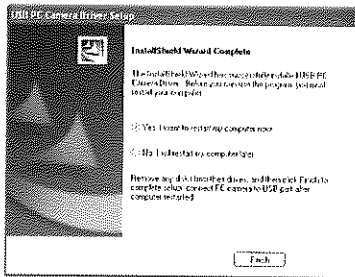
Click "Finish"

2. Plug-into USB port in PC, the system will find it and automatically complete the installation

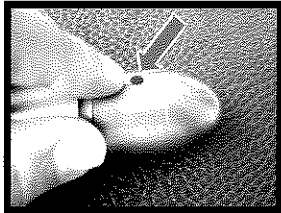When installation is completed, you will find Amcap from Programs
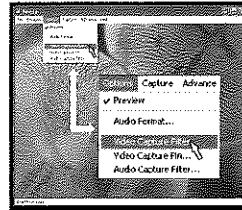
3. Run Amcap. exe and you will get the picture on your PC display.

Adjust wheel to focus
a clear image

4. Press snap button to make a quick start amcap provide many useful program for photo treatment.
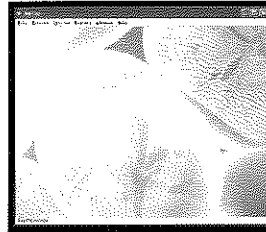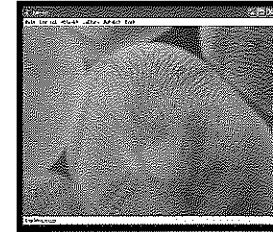

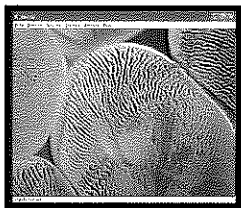A: Select Video Capture Filter   B: Click"Filter"
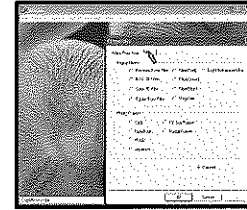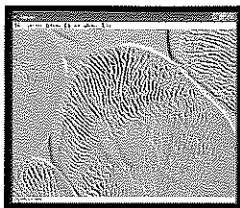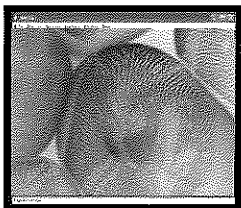
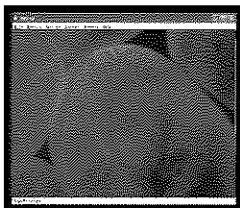## Digital Filters

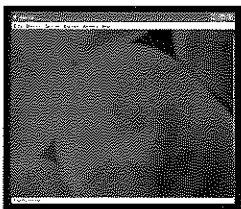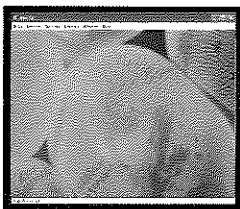Light Enhanced Mode   Square Base Filter

Color 3D Filter

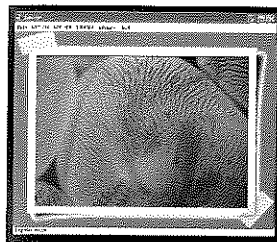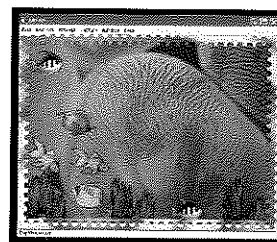B/W 3D Filter

Reverse Tone Filter

Filter(Blue)

Filter(Red)

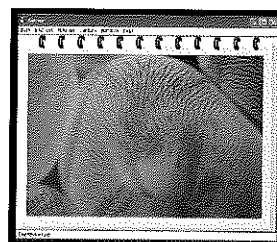Filter(Green)

Photo Frame

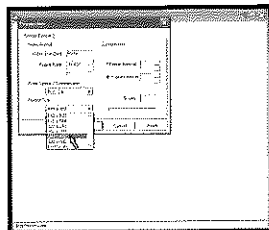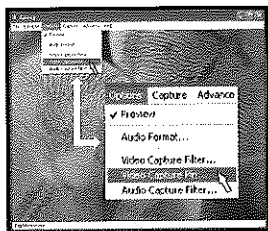
Stick

Aquarium

Magic

Note Book

Select Image Resolution (Size)

A: Select Video Capture Pin   B: Choose the size you need

Caution

* Avoid contact to the lens with hand,sharp or coarse stuff; use clean and soft cloth for cleaning
* Do not use it in hot,cold,dusty or humid circumstances
* Avoid falling as much as possible. Severe falling may cause damages to the lens, malfunction or scratches to the surface

Warranty

* This product is under warranty of non-human factors:
  A. Free replacement within three months from purchase date
  B. Free charge for repair within one year from purchase date
* For any problems concerning our products you purchase, please send them back to local sales agent with effective note