

รวม CCD
สำหรับกล้องจุลทรรศน์



CCD Video Camera

NEW
CATALOG



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆ จากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

Line: @itokin2000.com

Tel : 02-9744354-6

www.itokin2000.com

NEW

ALPHA1080

ปรับระยะชัดได้อย่างอัตโนมัติ

(ประหยัดเวลาการหาโฟกัสไม่หมุนให้เมื่อยมือ)

ALPHA1080 Series HDMI+USB+SD Card All in 1 C-mount CMOS Camera

ALPHA1080 series is a multiple interfaces (HDMI+USB2.0+SD card) CMOS camera and it adopts ultra-high performance Sony CMOS sensor as the image-picking device. HDMI+USB2.0 are used as the data transfer interface to HDMI display or computer.

For HDMI camera mode, The XCamView will be loaded and the Camera Control Panel+ Measurement Toolbar + Synthesis Camera Control Toolbar are overlaid on the HDMI screen when the mouse move to the related region, in this case, the USB mouse can be used to set the camera, browse and compare the captured image, play the video and perform the measurement tool.

For USB Video camera mode, plug in the micro USB host cable to the camera's USB Video port and computer USB port, then the video stream can be transfer to computer with the advanced software ToupView. With ToupView, you can control the camera, process the video and image as ToupTek's other USB series camera.

เชื่อมต่อผ่าน Wifi ไร้สาย

ความคมชัด 5ล้านพิกเซล

ให้ความละเอียดสูงสุด 1080 พิกเซล

60 Fps

สามารถใส่ SD Card ได้อีกด้วย

จับภาพและVDOเรลไทม์ได้อย่างไม่มีสะดุด



All in 1(HDMI+USB+SD card) C-mount camera with high sensitivity CMOS sensor;
Simultaneous HDMI & USB output;
Built-in mouse control;
Built-in image capture & video record to SD card;
Built-in camera control panel for mouse control;
Built-in toolbar including zoom,mirror,comparison,freeze,cross,browser functions;
Built-in image & video browsing,display & play;
Ultra-Fine color engine with perfect color reproduction capability(USB);
With advanced video & image processing application ToupView, ;
Support standard UVC for Windows/Linux/Mac(USB);
CNC shell molding design;



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)



NEW

ALPHA1080

ปรับระยะชัดได้อย่างอัตโนมัติ

(ประหยัดเวลาการหาโฟกัสไม่หมุนให้เมื่อยมือ)



Interface & Button Functions

- HDMI+USB Camera HDMI HDMI Output
- USB Mouse USB Mouse for the Ctrl of the HDMI Mode
- USB Video USB Video for the PC
- LED Power On Indicator
- SD Card Slot
- DC12V 12V/1A Power in
- ON/OFF Power On/Off Switch

Software Environment (for USB2.0 Connection)

- Operating System Microsoft Windows XP /Vista /7/8/8.1/10(32 & 64 bit)
- OSx(Mac OS X)
- Linux
- PC Requirements CPU: Equal to Intel Core2 2.8GHz or Higher
- Memory: 4GB or More
- USB Port: USB2.0 High-speed Port
- Display: 19" or Larger
- CD-ROM

Operating Environment

- Operating Temperature(in Centidegree) -10~ 50
- Storage Temperature(in Centidegree) -20~ 60
- Operating Humidity 30~80%RH
- Storage Humidity 10~60%RH
- Power Supply DC 12V/2A Adaptor

Other Specification for HDMI Output

- UI Operation With USB Mouse for HDMI Mode Control
- Image Capture High Speed in SD Card(8G)
- Video Record 1080P 26fps in SD Card(8G)
- Camera Control Panel Including Exposure, Gain, White Balance, Color Adjustment and Sharpness Control
- Toolbar Including Zoom, Mirror, Comparison, Freeze, Cross, Browser Function

Other Specification for USB Output

- White Balance Auto White Balance, Manual White Balance and ROI White Balance
- Color Technique Ultra-Fine Color Engine (USB2.0)
- Capture/Control SDK Standard UVC for Windows/Linux/Mac(USB2.0)
- Recording System Still Picture or Movie (HDMI or USB)

Overall Dimensions

Width x Depth x Height 78 mm (3.07") x 70 mm (2.76") x 92mm (3.62")

Shipping Weight 0.47 kg (1.0lbs)



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)



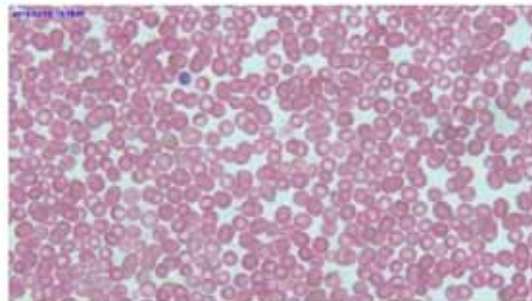
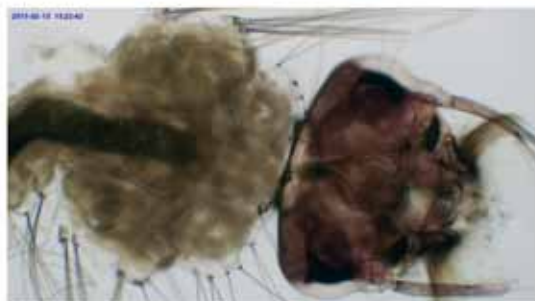
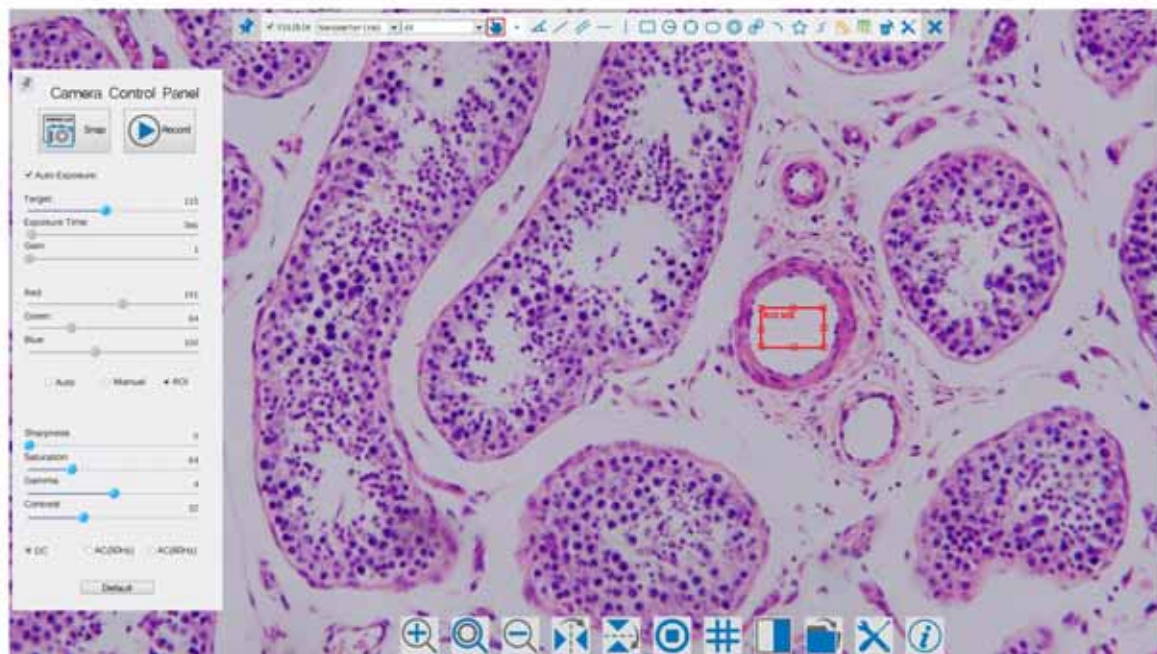
NEW

ALPHA1080

ปรับระยะชัดได้อย่างอัตโนมัติ

(ประหยัดเวลาการหาโฟกัสไม่หมุนให้เมื่อยมือ)

The ALPHA1080 Series Camera and Microscope



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

Line: @itokin2000.com

Tel : 02-9744354-6

www.itokin2000.com

CMOS C-Mount Microscope Camera



NEW



3MP USB 2.0



Camera Specifications:

Sensor: Aptina MT9T001 CMOS (color)
Sensor Size: 1/2" (6.55mm(H) x 4.92mm(V), diagonal 8.19mm)
Reduction Lens: 0.5X
Resolution: 2048x1536 (approx. 3.2MP)
Pixel Size: 3.2 μ m x 3.2 μ m
G Sensitivity: 1.0v / lux-sec (550nm)
SN Ratio: 43dB
Dynamic Range: 61dB
Scan Mode: Progressive
Binning: 1x1, 2x2, 3x3
Frame Rate: 43fps @ 680x510, 22fps @ 1024x768, 8fps @ 2048x1536
Exposure: 0.128~2000ms, ROI Auto & Manual
A/D Converter: 12-bit Parallel, 8-bit R.G.B to computer
Spectral Range: 380~650nm (with IR-filter)
White balance: ROI White Balance/ Manual Temp-Tint Adjustment
Color Rendering Technique: Ultra Fine Color Engine
Capture/Control API: Native C/C++, C#, Directshow, Twain, Labview
Recording System: Still Picture and Movie
Cooling System: Natural
Operating Temperature: -10°C~50°C
Storage Temperature: -20°C~60°C
Operating Humidity: 30~80%RH
Storage Humidity: 10~60%RH
Power Supply: DC 5V over USB Port

Packing List:

3MP digital camera
0.5X reduction lens
6' (1.8m) USB cable
30mm and 30.5mm adapters
CD with software and user's instructions
Calibration slide

Software Features:

Operating System: Windows XP/Vista/7/8/10 (32 & 64 bit), Mac OS X, Linux
PC Requirements: CPU equals to Intel Core2 2.8GHz or higher, Memory: 2GB or more, USB2.0 port
Advanced software for Windows:

- offers Stitching, EDF, video recording and measurement functions
 - conducts measurements for lengths, angles, arcs, areas and etc.
 - saves still images in BMP, TIFF, JPG, PICT, PTL or other formats
 - edit and process microscopy images in a manner similar to PhotoShop
 - live video and still image capture can be set in different resolutions simultaneously
- More features: add layers, watermarks, mosaics, tiles; adjust color balance, exposure, saturation, contrast, orientation; change resolution, histogram, granulation, diffusion; transform images via edge detection, digital image warping; conducts measurements for single, parallel or perpendicular lines and rectangular, elliptical and irregular areas; adds notes, measurements, text, arrows, labels, and etc. using customizable text with different sizes and colors; conducts measurements in microns, millimeters, centimeters, inches, feet, and etc. under any magnification powers with desired tolerances
- Life-time free software upgrades



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

Line: @itokin2000.com

Tel : 02-9744354-6

www.itokin2000.com

CMOS C-Mount Microscope Camera

5MP USB 2.0 MU-500

Camera Specifications:

Sensor: Aptina MT9P001 CMOS (color)
Sensor Size: 1/2.5" (5.70mm(H) x 4.28mm(V), diagonal 7.13mm)
Resolution: 2592x1944 (approx.5,040,000 pixels)
Reduction Lens: 0.5X
Pixel Size: 2.2µm x 2.2µm
G Sensitivity: 0.53v / lux-sec (550nm)
Frame Rate: 60fps @640x480, 18fps @1280x960, 5fps @2592x1944
Exposure: 0.21~2000ms, ROI Auto & Manual
Scan Mode: Progressive
Dynamic Range: 66.5dB
A/D Converter: 12-bit Parallel, 8-bit R.G.B to computer
SN Ratio: 40.5dB
Spectral Range: 380-650nm (with IR-filter)
Binning: 1x1, 2x2, 4x4
White balance: ROI White Balance/ Manual Temp-Tint Adjustment
Color Rendering Technique: Ultra Fine Color Engine
Capture/Control API: Native C/C++, C#, Directshow, Twain, Labview
Recording System: Still Picture and Movie
Cooling System: Natural
Operating Temperature: -10°C~50°C
Storage Temperature: -20°C~60°C
Operating Humidity: 30~80%RH
Storage Humidity: 10~60%RH
Power Supply: DC 5V over USB Port

NEW



Packing List:

5MP digital camera
0.5X reduction lens
6' (1.8m) USB cable
30mm and 30.5mm adapters
CD with software and user's instructions
Shipping weight: 2 lbs

Software Features:

Operating System: Windows XP/Vista/7/8/10 (32 & 64 bit), Mac OS X, Linux

PC Requirements: CPU equals to Intel Core2 2.8GHz or higher, Memory: 2GB or more, USB2.0 port

Advanced software for Windows:

- offers Stitching, EDF, video recording and measurement functions
- conducts measurements for lengths, angles, arcs, areas and etc.
- saves still images in BMP, TIFF, JPG, PICT, PTL or other formats
- edit and process microscopy images in a manner similar to PhotoShop
- live video and still image capture can be set in different resolutions simultaneously

More features: add layers, watermarks, mosaics, tiles; adjust color balance, exposure, saturation, contrast, orientation; change resolution, histogram, granulation, diffusion; transform images via edge detection, digital image warping; conducts measurements for single, parallel or perpendicular lines and rectangular, elliptical and irregular areas; adds notes, measurements, text, arrows, labels, and etc. using customizable text with different sizes and colors; conducts measurements in microns, millimeters, centimeters, inches, feet, and etc. under any magnification powers with desired tolerances

Life-time free software upgrades



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

Line: @itokin2000.com

Tel : 02-9744354-6

www.itokin2000.com

CMOS C-Mount Microscope Camera

NEW



Camera Specifications:

Sensor: Aptina MT9J001
Sensor Size: 1/2.3" (6.44mm(H) x 4.616mm(V))
Resolution: 3584 x 2748 (approx. 10,000,000 pixels)
Reduction Lens: 0.5X
Pixel Size: 1.67µm x 1.67µm
Frame Rate: 27fps @872x654, 8fps @1744x1308, 1.9fps @3584x2748
Exposure: 0.4–2000ms, ROI Auto & Manual
Scan Mode: Progressive
Dynamic Range: 65.2dB
A/D Converter: 12-bit Parallel, 8-bit R.G.B to computer
SN Ratio: 34dB
Spectral Range: 380–650nm (with IR-filter)
Binning: 1x1, 2x2, 4x4
White balance: ROI White Balance/ Manual Temp-Tint Adjustment
Color Rendering Technique: Ultra Fine Color Engine
Capture/Control API: Native C/C++, C#, Directshow, Twain, Labview
Recording System: Still Picture and Movie
Cooling System: Natural
Operating Temperature: -10°C–50°C
Storage Temperature: -20°C–60°C
Operating Humidity: 30–80%RH
Storage Humidity: 10–60%RH
Power Supply: DC 5V over USB Port

10MP USB 2.0 MU-1000



Packing List:

10MP digital camera
0.5X reduction lens
6' (1.8m) USB cable
30mm and 30.5mm adapters
CD with software and user's instructions
Shipping weight: 2 lbs

Software Features:

Operating System: Windows XP/Vista/7/8/10 (32 & 64 bit), Mac OS X, Linux
PC Requirements: CPU equals to Intel Core2 2.8GHz or higher, Memory: 2GB or more, USB2.0 port
Advanced software for Windows:

- offers Stitching, EDF, video recording and measurement functions
- conducts measurements for lengths, angles, arcs, areas and etc.
- saves still images in BMP, TIFF, JPG, PICT, PTL or other formats
- edit and process microscopy images in a manner similar to PhotoShop
- live video and still image capture can be set in different resolutions simultaneously

More features: add layers, watermarks, mosaics, tiles; adjust color balance, exposure, saturation, contrast, orientation; change resolution, histogram, granulation, diffusion; transform images via edge detection, digital image warping; conducts measurements for single, parallel or perpendicular lines and rectangular, elliptical and irregular areas; adds notes, measurements, text, arrows, labels, and etc. using customizable text with different sizes and colors; conducts measurements in microns, millimeters, centimeters, inches, feet, and etc. under any magnification powers with desired tolerances
Life-time free software upgrades



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

Line: @itokin2000.com

Tel : 02-9744354-6

www.itokin2000.com

CCD Microscope VGA

Video Camera for Digital TV (LCD) or PC Monitor

This CCD video camera streams live video on digital TV screens or computer monitors. It has Sony color CCD sensor inside offering high quality sharp clear videos with excellent color resolution. It has four output resolution settings, 1024x768, 1280x1024, 1440x900 and 1600 x 1200, which enable the output to be optimized to match the resolution of the display monitor. It comes with a robust metal housing, C/CS Mount and a female tripod screw. This Camera provides a good, affordable solution for schools, colleges and industries for QC and inspection applications where live view only is required; it does not take still photos or video.



NEW

CCD-MT

ความละเอียดสูงสุด 1680 x 1050 พิกเซล

Frame Rate 50/60Hz

เชื่อมต่อผ่านสาย VGA

เหมาะสำหรับหน้าจอ LCD และ Monitor

Features & Specifications:

Resolution: 1680x1050 or 1280x720 pixels wide screen video; Alternate resolution settings including 1280x1024 and 1024x768

Sensor: 1/3" 2.0 megapixel color

Frame Rate: 50/60Hz

Lens Interface: C/CS Mount

Functions: Auto-Exposure/Manual, Auto White Balance, Cross-Line Cursor, Low Lux, Negative Image, and Freeze Frame

Operation Temperature: 14°F - 140°F

Power: 5W/6V DC, power adapter included

Output Cable: included

TV screen or TV monitor not included

1 Year Warranty

Weight: 0.5 lb

Shipping Weight: 3 lb



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

Microscope TV CCD Video Camera

This a CCD video camera captures microscope images and displays live video on analog TV screens. It provides high quality clear images.

Features & Specifications:

- A Color Video System for Your Microscope
- High Resolution
- High Quality Clear Images
- Very Easy for Installation
- Good for Microscopes with either 23mm or 30mm Eyepiece Oculars (Adapter Included)
- 1/3" Color CCD Sensor
- 510x492 Picture Element
- 110 VAC Power Supply (Please email for 220-240 VAC Version with PAL System Availability for European or Asian Countries)
- NTSC Video RCA Jack Included
- TV Monitor Not Included

CCD-NP



สแกน QR CODE เพื่อสอบถามรายละเอียด และติดตามโปรโมชั่นใหม่ๆจากเรา
ได้ที่ Line Official : @itokin2000.com (มี@ด้วยนะครับ)

