GSAS236 Table-Top Autofocus Digital Microscope

GSAS236 tabletop digital microscope is a total autofocus digital microscope camera with exchangeable lenses, 5MP high definition, HDMI and USB connection. The GSAS236 is easy to setup and operate, suitable for applications in laboratories & classrooms. GSAS236 can be plugged into a computer with USB cable, or a high resolution monitor with HDMI cable (1080P high quality). The included Vitiny software allows users to view a live image, capture images and videos, measure and edit. User can control focus, zoom, white balance, exposure value and luminance through the IR remote control. The lens are exchangeable. Within the focal range, one can choose suitable image parameters and ensure the best image quality.

Main Features

- Magnification: 20 x ~ 150x on 22” monitor per 4x lens
- Working distance: 14cm ~ 3.5cm
- CMOS Sensor: 5 M pixel resolution
- Dimension: 106 * 141.6 mm
- USB 2.0 Transmission
- Built-in 30 top view LED lights with adjustable brightness

Mode# 1: USB Connection to a PC

- Autofocus control from the software, save captured image in JPEG or BMP format, 2D measurement, compare inspection images by optional JPEG or BMP import.
- Device platform compatibility: Windows XP, Windows Vista, Windows 7, Macintosh OS X 4.8+ and Linux with UVC driver
- AP platform: Windows XP, Vista, Windows 7 & Windows 8

Mode# 2: HDMI Connection to a monitor

- IR remote control focus system
- HDMI signal output 1080P HD images
- Response time: 30 time frame
- Built-in external light socket
- Power source: DC 5V/2A input; cable length: 180cm

Scope of Supply

GSAS236, Installation (CD) Disk, Power Adaptor, Calibrator, Mini-HDMI Cable, USB Cable, User’s Guide, AWB calibrator

Applications

- Anti-counterfeit (Currency)
- Educational research (Ant)
- Quality checking (PCB)
- EMS Service
- Square / Rectangle: Area, Perimeter
- Skin
- Circle / Ellipse: Circumferences, Area, Radius & Diameter

( Note: Specifications are subject to change without prior notice )

OUR PRODUCT RANGE: EDA Tools and FPGA development boards from ALTIUM, Zeroplus Logic cum Protocol Analyzers, Portable Microscopes, Testing & Measuring Equipment, Testing & Measuring Systems, Universal Device Programmers; ARM, PIC Trainer and Interface Modules, Incircuit test and Flash Systems; In-Circuit Emulators; ROM Emulators; Microcomputer Development Systems; Add-on Cards, AD/DA cards, DIO cards, Microprinters, Microprocessor Trainers for 8085, 8086/88; Microcontroller Trainers for 8031/51 etc.,