

aigo DIGITAL
MICROSCOPE GE-5

Bring the
laboratory to your PC

Professional 1.3
mega pixels
multiple
digital zoom

Photographing
recording
function

Measurement
function
for objects

USB2.0
480Mb/s

Launched to global market at the same time
Patent technology: dynamic area viewing
(AO-ACTIVEVIEW)
Compatible with the operation systems
such as windows 2000, XP and VISTA, etc.

NEW!

aigo

Freedom in technology. Freedom in life.

Have you measured how long the eyes of the ants are?
You can realize now how wonderful the microscopic universe is!

Interest is the best teacher

Satisfy your curiosity, use your creativity and extend your exploration right now.
An indispensable tool for biological viewing * A great teacher for children
Digital microscope GE-5 is the most suitable high-end intelligent toy!



MATRIX TECHNOLOGIES PTE LTD

Co. Reg. No: 200416089H
Blk 5 Ang Mo Kio Industrial Park 2A
#02-06 AMK Tech II
Singapore 567760

Tel : +65 6484 1007
Fax: +65 6484 2898
www.matrixtech.com.sg

aigo DIGITAL MICROSCOPE GE-5

Functional features:

Apply various kinds of viewing methods

Multiple optical magnification: 30X, 60X, 180X, plus 4X digital zoom.

High definition image Professional CMOS sensor

Professional 1/2" industry grade 1.3 mega pixels CMOS image sensor, and the output image features high signal noise ratio, no distortion, high definition, no frame stagnancy and easy menu, which meets the professional requirements.

User friendly and usable upon plugging in

USB 2.0 interface. Unnecessary to use external power supply and usable upon connecting with the computer.

New generation product in IT times

Can be connected directly with the computer or projection equipments, so the menu contents can be shared with many people at the same time and avoid visual fatigue.

Image storage is convenient for later using

Comes with a complimentary professional software (Digital microscope GE-5). Capable of saving valuable microscopic images viewed to PC in a convenient way.

One-key to measure the object

Can measure and convert the length, circle diameter, angle, area and polygons, etc of any tiny object.

Shooting the microscopic dynamic short film

There is a video function that enables you to shoot and record the dynamic process of the objects viewed.

Operation is flexible, and easy to carry

The structure of the viewer's body is compact and flexible, and the ergonomic knob can easily regulate the work distance.

Precise laser location

Has a laser-location technology, locating quickly and accurately the viewing points.

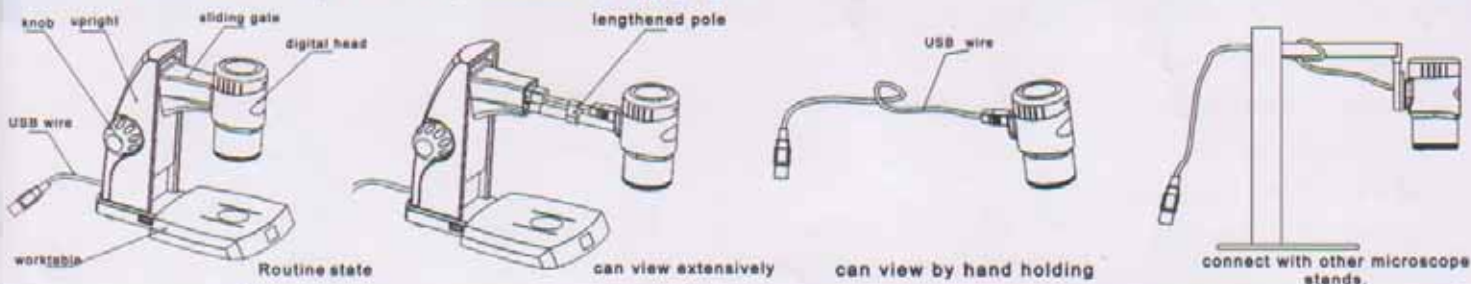
Abundant light source

Provide diversified lighting environment including bottom illumination on the worktable, top illumination on the viewing head and side light source. The illumination intensity is controlled by grades flexibly meeting everybody's demand.

Datasheet:

Product type	GE-5	White balance	Support automatic/ manual adjustment
Name of product	Aigo digital microscope	Automatic exposure control	Support automatic/ manual adjustment
Image sensor	1.2" color CMOS image sensor	Image output	USB 2.0, 480Mb/s
Pixel size	5.2 μm \times 5.2 μm	Power supply	USB 2.0 power supply, 800 mA
Spectrum response	400 nm-1000nm	Dynamic range	62dB
Sensitivity	1.8V/lux --sec @550 nm	Programmable control	Image size, image quality, brightness, gain, exposure time, contrast, saturation, sharpness, gamma
Scan method	no interlace	Illumination control	Laser location, grade control, independent top and bottom illumination
Shutter type	ERS (Electronic rolling shutter)	Operating temperature	0 $^{\circ}\text{C}$ -50 $^{\circ}\text{C}$
Resolution	Professional grade 1.3 mega pixels 1280x1024	Magnification	30X, 60 X, 180X, 720 X
Frame rate	16f/s @1280x1024		

Work sketch map of the product:



MATRIX TECHNOLOGIES PTE LTD

Co Reg. No: 200416089H
 Blk 5 Ang Mo Kio Industrial Park 2A
 #02-06 AMK Tech II Singapore 567760
 Tel : +65 6484 1007 Fax: +65 6484 2898
 Email: sales@matrixtech.com.sg
 Website: // www.matrixtech.com.sg

