

NEWS LETTER

ALFA MIRAGE Co., Ltd.

Digital Microscope & Portable Microscope



FHD DIGITAL MICROSCOPE SYTEM

The system which outputs the clear and smooth FHD(60fps) image and movie in progressive scanning with HDMI cable. Can see details of the image clearly even low magnification. With optional Image capture device, the image and movie can be recorded and shared remotely on-line. Suitable for visual inspection for diamond, gem, jewelry, watch, and etc.

Item Code	105-057
Magnification	10X - 60X
Field of View	47.4 x 26.7 (10X) - 7.9 x 4.4 mm (60X)
Working Distance	316 (10X) - 57 mm (60X)
Image Sensor	1 / 2.8 inch 230 Mega Pixel Color CMOS
Power	AC100-240 V
Weight / Dimensions	2.5 kg / 143 x 188 x 400 mm
Accessories	FHD Camera, LED Ring Light, Column for Lighting, Long Stand, Coarse Holder
Option	HDMI Cable, Image Capture Device
Made in Japan	

Feature:

Full high resolution image quality allows you to see every detail clearly!
 1920 x 1080P high resolution (about 7 times higher than conventional)
 Smooth video at 60fps. Easy and direct monitor connection with HDML cable.

Sample Image:

DIAMOND(60X) taken with optional light(SKLS-K110)

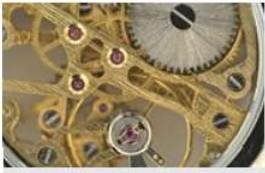
DIAMOND(45X) taken with optional light(SKLS-K110)



DIAMOND(45X) taken with optional light(SKLS-A-1)

DIAMOND(60X) taken with included LED Ring Light





4K Digital Microscope System

4K DIGITAL MICROSCOPE SYSTEM

The system which has high color reproducibility and can output the beautiful 4K(30fps) image and movie with HDMI cable. Equipped with Sony Exmor R sensor which enables to improve the image quality. Also, simple measurement function is available with direct mouse operation on the screen. The image and movie can be recorded into SD card.

Item Code	105-058
Magnification	6X - 15X (Digital zoom 10X)
Field of View	61 x 34 (6X) - 26 x 14 mm (15X)
Working Distance	250 (6X) - 150 mm (15X)
Image Sensor / Pixel Size	1 / 1.06 inch CMOS / 2.4 x 2.4 μ m
Power	AC100-240 V
Weight / Dimensions	7 kg / 268 x 388 x 450 mm
Accessories	4K Camera, Mouse, Micro SD Card (16GB), HDMI Cable, 56 LED Ring Light (with LED angle), 50 mm Fixed Focus Lens (1 inch, 20MP supported), 10 mm Close-up Ring, Camera Stand

Feature:

Amazingly beautiful 4K image quality & Excellent color reproduction!

- Zooming in with a wider field of view is possible at a lower magnification than with a normal microscope.
- Digital zoom makes it easy to zoom in with the mouse at hand.
- The aperture allows you to adjust the depth of field easily. In addition, it is possible to zoom in while maintaining a deep depth of field.



Digital Microscope DIM-03

COMPACT DIGITAL MICROSCOPE

Integrated the Microscope with monitor. It is easy to observe the sample, shoot still image or video and record into the Micro SD card (Up to 32GB SDHC) or PC. And it allows display 16:9 FHD(full HD/1080p/30fps) image on FHD TV by connecting with HDMI cable.

Item Code	105-046
Model	DIM-03
Magnification	2.5X to 100X(Optical maximum 25X, digital zoom maximum 4X)
Image Sensor	3.5 Mega Pixels High Speed Sensor
Monitor	3.5 TFT color display
Power / Output	AC100 - 240 V / HDMI, AV, USB
Weight / Dimensions	650 g / 230 x 147 x 110 mm

Feature:

From "seeing alone" to "seeing together"

Magnifying inspection, not only yourself, but share the image on the spot.

No need to see through the stereo microscope.

With the included HDMI cable, you can connect to an even larger monitor or PC.

Measurement software is also included, so you can measure dimensions and angles on your PC.

<https://www.youtube.com/watch?v=mNQPDUewl9Q>



Digital Microscope DIM-03 / Up to 100X magnification, save Micro SD card, HDMI out available

Digital Microscope DIM-03 item code:105-046 Model = DIM-03
Magnification = 2.5 X to 100 X (Optical maximum 25X, digital zoom maximum 4X) Camera = 3.5 Mega Pixels High Speed Sensor Monitor = 3.5 TFT color display Recording media = micro SD card (Up to 32 GB SDHC) Output = HDMI, AV, USB Viewing field = 2.5 X : 24mm ...

www.youtube.com



COMPACT DIGITAL MICROSCOPE

Magnified observation, image storage from small to big object. Fit shooting Watch, Jewelry, Coin, Gemstone with any size with removable camera. Save picture, movie and can be connected to PC, or Monitor by HDMI output.

Item Code	105-051
Model	DIM-T2.4
Magnification	2.5 to 80X (Optical maximum 20X, Digital zoom 4X)
Image Sensor	3.0 Mega Pixels
Monitor	2.4-inch LCD
Storage / Output	MicroSD (up to 32MB) / HDMI, AV, USB
Weight / Dimensions	650 g / 120 x 170 x 240 mm



Feature:

The camera can be detached from the stand, allowing you to observe large or immobile objects that could not be observed with the DIM-03.



<https://www.youtube.com/watch?v=D9HpMtEcuGw>



DIGITAL MICROSCOPE DIM T2.4 / Up to 100X magnification, save Micro SD card, HDMI out available

DIGITAL MICROSCOPE DIM T2.4 item code:105-051 Model = DIM-T2.4
Magnification = 2.5 X to 80 X (Optical maximum 25X, digital zoom maximum 4X) Camera = 3.5 Mega Pixels Monitor = 3.4-inch LCD Recording media = micro SD card (Up to 32) Output = HDMI, AV, USB Dimensions = 120 x 170 x 240 mm Weight = 650 g Magnified ...

www.youtube.com

MICRO STAND SCOPE / SMARTPHONE HOLDER

Compact Microscope with precision optics and LED light for examining diamond and gemstones. This scope enables you to read the inscription on loose or mounted stones. New attachment Smartphone Holder launched. Easy to take high magnification pictures.

Micro Stand Scope	105-015	105-016	105-017
Micro Stand Scope & Smartphone Holder set	105-059	105-060	105-061
Magnification	Microscope 12X Telescope 4X	Microscope 20X Telescope 6X	Microscope 25X Telescope 8X
Battery	CR2016 battery x 2 / LED LIGHT, 16 hours		
Made in Japan			



Micro Stand Scope



POCKET MICROSCOPE 60 - 100X

A handy 60 - 100X microscope with LED light for observation. Bright LED light emphasizes shadows and make three-dimensional observation possible. The light emits little heat, so it does not affect the sample and free from burns.

Item Code	105-021
Model	LP-33G
Magnification	60 - 100X
Weight / Dimensions	25 g / 32 x 22 x 84 mm
Battery	SR41W battery x 3



Pocket Microscope

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