

GX Wolf Microscopes

product datasheet

X-Loupe Digital Portable Field Microscope



The digital portable field microscope is a new tool that combines a digital camera and a microscopic module. It can clearly capture images of objects with the size of 15mm - 10 microns.

CONVENIENCE

The 2-in-1 device comes with easy-to-use functions. The digital camera can be transformed into a digital portable field microscope in only a few seconds. With the auto-focus feature, it is simple to capture high quality pictures of almost every subject.

AFFORDABILITY

X-Loupe exceeds the magnification capabilities of macro lenses and acts as your portable microscope with high magnification. Now you can introduce yourself to the digital world of micro photography at an affordable price.

Available, anytime, anywhere, anyhow.

Easy transfer of images to PC/Notebook via USB or SD card. Images can be e-mailed worldwide or uploaded to the Internet for Net Meeting purposes.

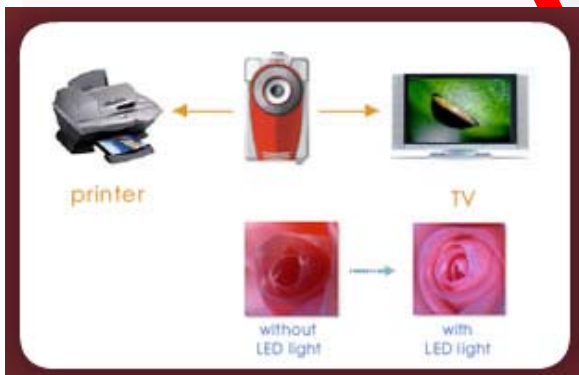
The file size of the images can be configured in the range from 25 kB to 3 MB, which makes it easy to send the images over Wireless LAN or mobile Internet connections.

High durability: The durable made-in-Japan lithium battery cell allows the camera to reproduce approximately 150 shots and make it possible for the camera to run for about 4 hours.

Preview and quick browse: Preview the objects under the microscopic lens or browse through captured images in the 2.5 inch LCD screen anytime you like.

Easy portability: Pocket-sized, compact with a weight less than 300 grams.

Attaching the X-Loupe microscopic module makes it a digital portable field microscope; and detaching the module makes it a regular digital camera.



The lenses have built-in LED light: 4 dimmable white-light LEDs solve the most challengeable problems with illumination for micro photography, and photos can be taken at any time in a dark ambience.

Magnifications include 60X, 100X and 150X

FOV (Field of View):

- 60X: 16mm x 12mm FOV (with up to 2816 x 2112 pixels) 6 MegaPixel
- 100X: 9mm x 6.5mm FOV (with up to 2816 x 2112 pixels) 6 MegaPixels
- 150X: 5.7mm x 4.5mm FOV (with up to 2816 x 2112 pixels) 6 MegaPixels

Recording pixels can be selected:

- L (Large): 2816 x 2112 pixels. Purpose: Printing to about A3-size.
- M1 (Medium 1): 2272 x 1704 pixels. Purpose: Printing to about A4-size
- M2 (Medium 2): 1600 x 1200 pixels. Purpose: Printing to about postcard-size
- S (Small): 640 x 480 pixels. Purpose: Send images as e-mail attachments

APPLICATIONS for X-Loupe:

- Industry
- Quality Control
- Medical treatment
- Healthcare
- Authentication
- Archaeology

Due to our policy of continuous development specifications may change without notice

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