



Providing digital solutions to educational/clinical fields

Announcing the release of the Digital Sight 1000 microscope camera

June 29, 2020

TOKYO - Nikon Corporation (Nikon) is pleased to announce the release of the Digital Sight 1000 microscope camera, providing digital solutions to educational/clinical fields.



Digital Sight 1000 microscope camera



Product Information

Product Name	Digital Sight 1000 microscope camera
Availability	June 30, 2020 (Dependent on region)

The microscope camera can obtain images during observation on the display in combination with a microscope. Digital solutions are currently in demand in many fields, with digital images being used for teaching and presentations in medical and biological education fields, as well as being shared to facilitate communication in the field of clinical medicine.

The Digital Sight 1000 microscope camera has now been released to meet these needs. By combining this product with an educational microscope or an inspection microscope, Nikon can provide comprehensive support, from digital solutions to follow-up services such as repair and maintenance.

Main features

1. Providing digital solutions in optimum combination with a microscope

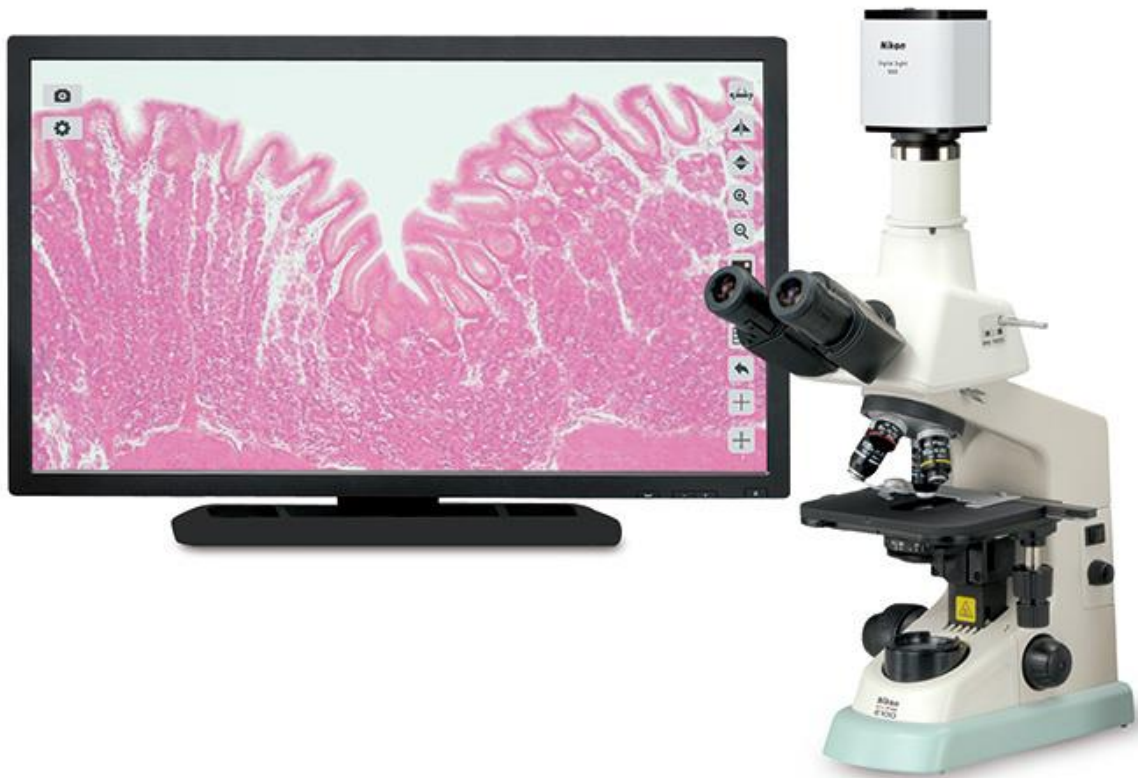
With Digital Sight 1000, which is designed for optimum use with the ECLIPSE E100 educational microscope, and the ECLIPSE E200 inspection/educational microscope, which are widely used in the educational and clinical fields. This enables Nikon to comprehensively provide support, from digital solutions to follow-up services such as repair and maintenance.

2. Effective in communication in educational/clinical fields

This product enables acquisition of 2-megapixel Full HD images and live display at 30 frames per second. You can quickly follow changes during observation of the target when aligning or focusing a sample. It produces a positive effect on teaching and discussion at educational institutions, and communication between doctor and patient at clinical facilities.

3. Simple setup and operation contribute to efficiency in educational fields

It is possible to connect a display and a mouse to Digital Sight 1000. A camera can be controlled without a PC, and a process from setup to display and acquisition can be implemented in an easy-to-follow way. This product contributes to efficient operation at educational fields.



An example of a combination of the ECLIPSE E100 educational microscope and the Digital Sight 1000



Specifications

Model name	Digital Sight 1000
Image sensor	1/2.8-inch color CMOS image sensor Size: 5.57 x 3.13 mm
Recordable pixels	1920 x 1080 pixels
Live display	1920 x 1080 pixels: 30 fps
Exposure time	1msec to 10 seconds
Lens mount	C-mount
Image record format	Standalone mode: JPEG, AVI PC connection mode: TIFF, JPEG, AVI, MP4
Interface	USB2.0 (connect with PC or USB mouse) x1, for HDMI x1 SD card slot x1 (SD/SDHC cards are usable)
Power supply	AC100 to 240V 50Hz/60Hz
Power consumption	3W
Dimensions	76 (W) x 69 (D) x 91 (H) mm
Weight	Approx. 450 g