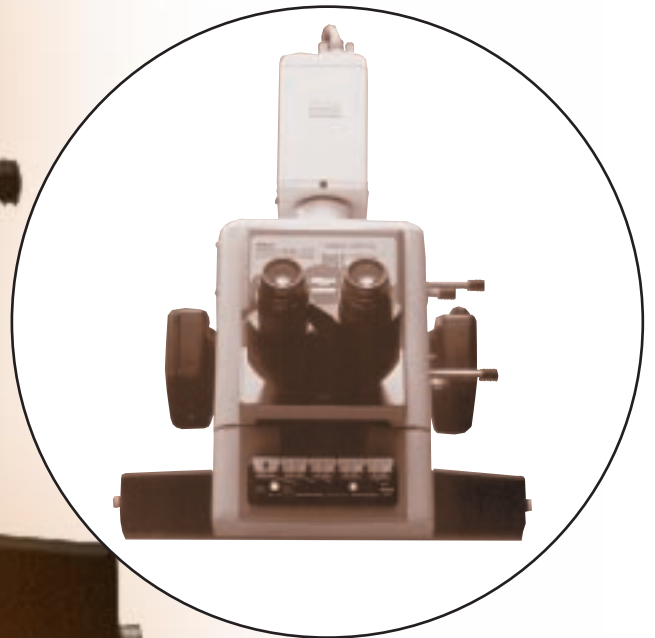


Nikon®

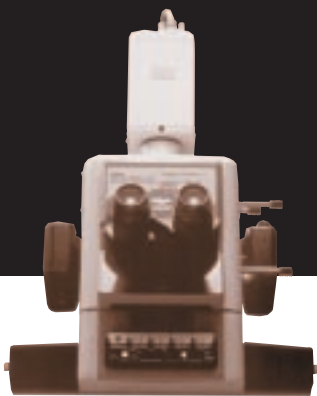
DXM1200

A color-digital camera with resolution nearly equal to film.
Valuable tool for applications where users must
document and present their research findings.

- 12 million pixel image capture
- Resolution nearly equal to film
- Easy to use
- An exceptional value
- Intuitive software



Color Digital Camera



DXM1200 Color Digital Camera

True-to-Life Images

- Exceptional clarity due to Nikon's new IPS (Inter Pixel Stepping) high density imaging technology which produces high quality images with approximately 12 million (3040 x 3072) output pixels.
- High signal-to-noise (S/N) digital circuit technology allows image capture with exceptionally high sensitivity. Clear imaging of fluorescence specimens is possible due to the low noise design combined with three levels of sensitivity and long integration times of up to 170 seconds.

High-Speed, Easy Viewing

- High-speed data transfer to computer at 12 frames per second for easy on-screen focusing.
- ACT-1 (Automatic Camera Tamer) intuitive software enhances the photomicrographic process and allows on-screen viewing of a live image, the most recently stored image and thumbnails of the last five images saved.
- Intuitive software makes image storage archiving and retrieval simpler than ever before.
- Automatic sequential shooting at intervals from 1 second to approximately 100 hours.

Easy to Connect

- The camera is powered via a single cable connection from the proprietary PCI imaging/control card inside the computer, allowing one-step wiring.

EXCEL TECHNOLOGIES, INC.

99 Phoenix Ave, Enfield, CT, 06082, U.S.A.
Phone: 1-860-741-3435 / Fax: 1-860-745-7212
www.extec.com • xlinfo@extec.com

SPECIFICATIONS

Image size/ Resolution level	3,840 (H) x 3,072 (V) pixels (max.in Fine mode); 1,280 (H)X 1,024 (V) (max. in Quick mode)
CCD	2/3-in. high-density CCD; total number of pixels: 1.4 million (effective 1.34 million)
Lens mount	C-mount
Sensitivity setting	Levels selectable: Normal, High and Max.
Exposure control	Manual
Auto white balance	Can be preset by selecting a point or rectangle.
Exposure time	1/12,000 to 170 sec.
Shooting mode	Fine (10 types): 3,840 x 3,072 pixels to 640 x 480 pixels. Quick (4 types): 1,280 x 1,024 pixels to 640 x 480 pixels.
Live image size	640 x 512 pixels (12 frames/sec. max.)
Data saving format	BMP, JPEG (3 types compression), TIF (uncompressed)
Interface	Dedicated interface board (PCI bus)
Dimensions	78 (W) x 136 (H) x 69 (D)mm (3.1 x 5.4 x 2.7in.) excluding protrusions; Interface cable: approx. 2m (6.6ft.)
Weight (w/o battery)	Approx. 800g (28.3 oz.) excluding lens
Operating temperature/humidity	Temperature: 0 to +40° C, Humidity: 10 to 80% (without condensation)
Power supply	Supplied from PCI bus (via dedicated PCI board)

Recommended operating environment

CPU	Pentium III 500 MHz or faster
RAM	256MB or greater memory space required
Hard disk	100MB or greater memory space required
Mother board	PCI expansion slot space required
VRAM	16MB or greater memory space required
OS*	Windows® 98 (Japanese/English ver.)
Display monitor	1,024 dots x 768 lines or greater, 16.7 million or more colors must be reproduced
Interface	Only dedicated interface board can be used

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. January 2000.

