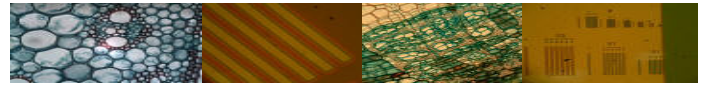
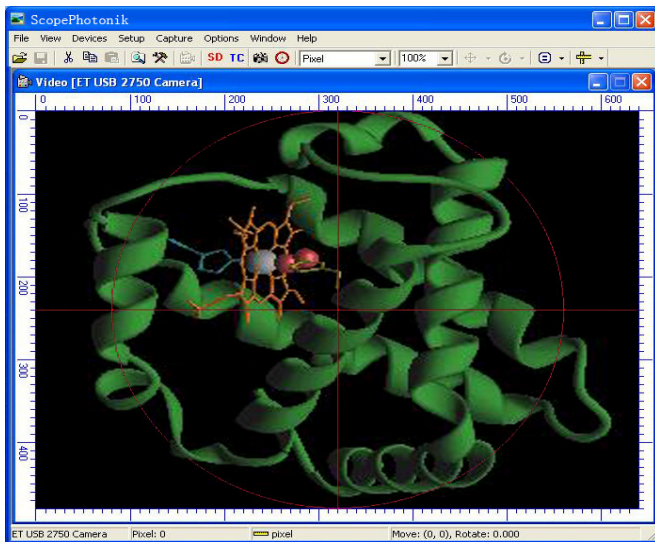


High Resolution Digital Color Camera

P/N: PDC3000 (USB2.0)

PHOTONIK hv

Our Digital Camera **PDC3000 (USB2.0)** is professionally designed for microscope with 3.0 mega pixels and USB2.0 interface, which can fit with various optical microscopes in the market, such as biological microscope, metallurgical microscope and stereomicroscope, etc.



Specifications PDC3000 (3.0M pixels, USB2.0)	
Image Sensor:	CMOS, 1/2 inch, 3M pixels, offering color image
Resolution:	2048 X 1536 pixels (3M pixels) max.
Preview Speed:	≤11 frames/sec. at 2048 X 1536 pixels ≤20 frames/sec. at 1280 X 1024 pixels ≤25 frames/sec. at 800 X 600 pixels The speed also depends on the PC's performance.
Pixel Size:	3.2 μm × 3.2 μm
Wavelength:	Range from 400nm to 1000nm
Sensitivity:	1.0V / lux-sec@550nm Exposure ERS (Electronic rolling snap)
White Balance:	Automatic / manual
Auto Exposure:	Automatic / manual
Image Output:	USB2.0, 480Mb/s
Power Supply:	USB2.0
Dynamic:	62dB
Programmable:	image size, brightness, gain, exposure time
Working Temp:	0° C - 50° C
View Field:	Inscribed rectangle of dia.18 mm
Mounting Port:	Microscope ocular-tube or photo-tube
System:	Windows 2000 / Windows XP, Computer with USB2.0 port
Mini Disc:	Driver Software ScopePhotonic
Accessories:	Two adaptors (dia.30mm, dia.30.5mm, one each) for stereo microscope
Camera Size:	Blackened metal body of cylinder shape dia.60 mm



PDC3000C
Std C-Mount Version



PDC3000M
Microscope Version



Applicable to Any Ocular-tube or Photo-tube

In principle, **PDC3000 (USB2.0)** is a novel optical system, the design of which is fully thin-film coated, based on MTF (modulation Transfer Function) analysis, to improve image flatness and contrast. Even the periphery of the field will give good view by **PDC3000 (USB2.0)**.

It works effectively if combined with plan-achromatic objective. Especially, this design suits to many microscope features, such as the field of view of eyepiece WF10X-18mm and the objective par-focalization.

PDC3000 (USB2.0) is to be inserted directly into the ocular-tube or the photo-tube interface.

With suitable adaptors, it is also workable on a stereomicroscope, or C-mount in-line microscope assembly tube...

PDC3000 (USB2.0) makes the image with excellent true color.

If the microscope adapted with **PDC3000 (USB2.0)** is earthed definitely, the metal body of the camera ensures wonderful anti-interference.

Contact Information:

PHOTONIK (SINGAPORE) PTE LTD

8 Boon Lay Way, TradeHub 21, #04-04, Singapore 609964
Tel: +65-6316-6370, +65-6316-2142 Fax: +65-6316-1082
Email: sales@photonik.com.sg Web: www.photonik.com.sg

Local Representative:

