

# High Resolution Digital Color Camera

**P/N: PDC350 (USB2.0)**

**PHOTONIK** <sup>hv</sup>

Our Digital Camera **PDC350 (USB2.0)** is professionally designed for microscope with 350K pixels and USB2.0 interface, which can fit with various optical microscopes in the market, such as biological microscope, metallurgical microscope and stereomicroscope, etc.

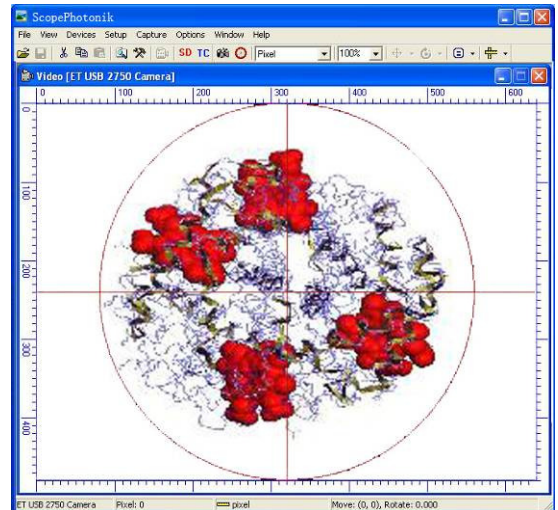
The images of the observed specimen or samples is to be genuinely displayed on computer screen.

With the software **MiniSee**, it is very convenient to preview live image and to capture still picture.

Our Powerful Software **ScopePhotonik**, together with the digital camera, provides friendly interfaces and powerful functions for image processing.



**PDC350C**  
Std C-Mount Version



**PDC350M**  
Microscope Version



Applicable to Any Ocular-tube or Photo-tube

## Specifications PDC350 (350K pixels, USB2.0)

<b>Image Sensor:</b>	1/3 inch CMOS chip, 350K pixels, offering color image
<b>Max Resolution (Still):</b>	640 X 480, pixel size 8µm X 8µm
<b>Max Resolution (Motion):</b>	30 frames/sec at 640 X 480 40 frames/sec at 320 X 240
<b>View Field:</b>	Inscribed rectangle of dia.18 mm
<b>Mounting Port:</b>	Microscope ocular-tube or photo-tube
<b>Sensitivity:</b>	2.7v/lux.sec@green2.1v/lux.sec@red2.0v/lux.sec@blue
<b>File format:</b>	BMP, TIFF, JPG, PICT, PTL etc.
<b>Exposure:</b>	Automatic
<b>Shutter control:</b>	Automatic
<b>Interface:</b>	USB, hot plug and thrust, a USB cable of length 1.5m
<b>System:</b>	Windows 2000 / Windows XP Computer with USB2.0 port
<b>Software Disc:</b>	Driver Software <b>MiniSee</b> included with DCM35 Software <b>ScopePhotoik</b> available for option at extra cost Photoshop plug-in
<b>Accessories:</b>	Two adaptors (dia.30mm, dia.30.5mm, one each)
<b>Camera size:</b>	Blackened metal body of cylinder shape dia.50 mm

In principle, **PDC350 (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 **PDC350(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.

**PDC350 (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...

**PDC350 (USB2.0)** makes the image with excellent true color. If the microscope adapted with **PDC350 (USB2.0)** is earthed definitely, the metal body of the camera ensures wonderful anti-interference.

### Contact Information:

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