A Multi-talented Digital Camera with Latest Technologies

Unparalleled 17.3 Megapixel Resolution: New 3-CCD Mode Enables Pixel Shifting of 3 Colors

Live, High-definition Images at 15 Frames per Second, without Compression

WiDER Optimizes Contrast and Brightness in Individual Image Regions

OLYMPUS Stream Software: A New Standard for Workflow Flexibility
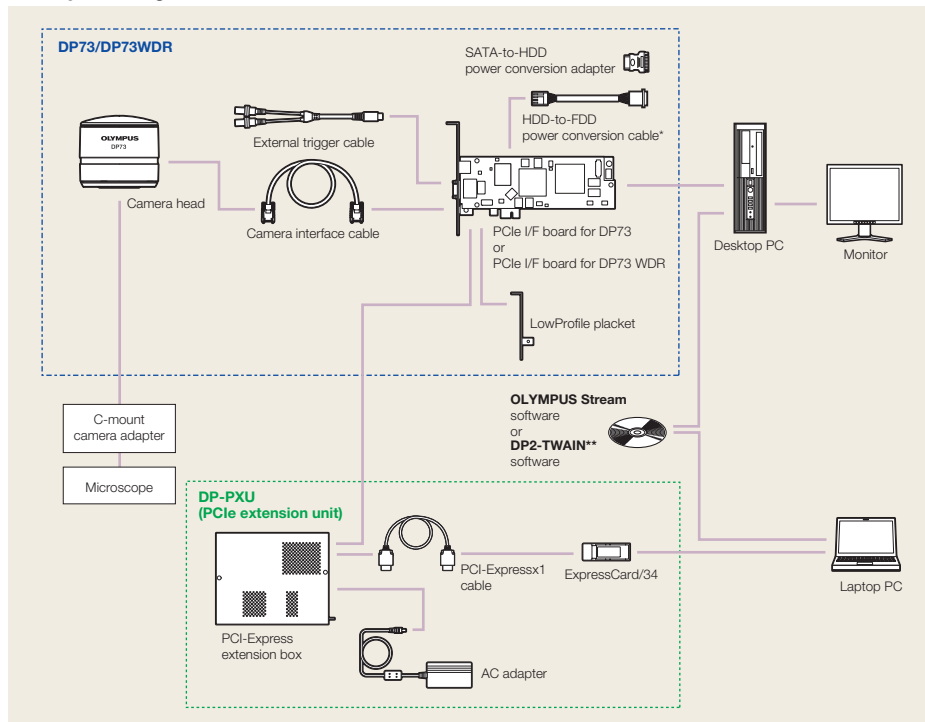
DP73 specifications

Item		Specifications
Camera type		Single chip color CCD (pixel shifting) Cooling system: Peltier device (max. Ta -10 ℃)
Imaging Sensor	Size	1/1.8 inch 2.01 megapixels color CCD
	Scanning mode	Progressive
Camera mount		C-mount
Effective image resolution		4800 x 3600 (pixel shifting, 3-CCD mode)
		2400 x 4800 (pixel shifting, 3-CCD mode)
		1600 x 1200 (1 x 1, 3-CCD mode)
		800 x 600 (1 x 1)
		800 x 600 (2 x 2)
		ROI
Sensitivity		ISO 100/200/400/800/1600
A/D		14 bit (effective pixel : 12 bit@16 bit mode image)
Metering modes	Mode	Auto, SFL-Auto, Manual
	Adjustment	±2.0 EV step: 1/3 EV
	Time	23 μs to 60 s
Metering modes		Full image, 30%, 1%, 0.1%
Binning		2 x 2
Live frame rate*		1600 x 1200 (1 x 1): 15 fps
		800 x 600 (1 x 1): 15 fps
		800 x 600 (2 x 2): 27 fps
Still image transfer time*		4800 x 3600 (1 x 1): approx. 4 s
Color space		sRGB, AdobeRGB
Image file format		File formats supported by OLYMPUS Stream
OS		Windows 7 Professional/Ultimate (64 bit)
Dimensions, weight	Camera interface cable	Approx. 2.8 m/approx. 0.23 kg
	External trigger cable	Approx. 0.2 m/approx. 40 g

* For exposure times ranging from 23 μs to 65 ms, image acquisition time may take longer if several tasks are active in the background.
・Replacement parts are available for 5 years after purchase.

DP73 system requirements

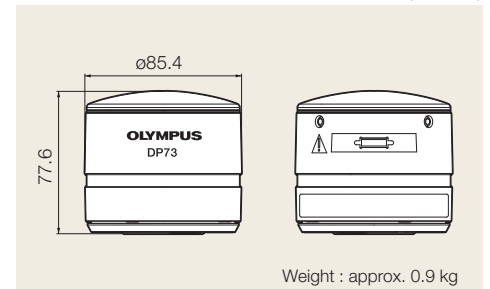|	PC/AT compatible
CPU	Intel Core series 1.8 GHz or later (Core2 Duo E6400 2.13 GHz or later recommended)
RAM	4 GB or more
HDD	Free space of 1 GB or larger (at the time of installation)
Graphic	VGA card for PCI-Express x16 with display of 1280 x 1024 or better, 32-bit color per pixel Onboard graphic also available
Extension slot	PCI-Express x1 Rev. 1.0a or later Compatible with half size or LowProfile PCIe board (106.7 mm x 174.6 mm)
OS	Windows 7 Professional/Ultimate (64 bit)
Power supply	250 W or more (with CE marking) Unoccupied FDD power cable, HDD power cable (4-pin size), or Serial ATA power cable must be available

DP73 system diagram

DP73/DP73WDR

* Not used when the DP-PXU is combined ** Download from our web site required

DP73 camera head dimensions
(unit: mm)

Weight : approx. 0.9 kg

ECO-PRODUCTS

DP73 is the environmental conscious product according to OLYMPUS' own standards.