



## ProgRes® *SpeedXT<sup>core</sup> 3*

### CCD USB camera

Image sensor	1/1.8" CCD	Voltage supply	USB powered
Color / Monochrome	Color	Power consumption	approx. 2.5 W
Sensor resolution [max]	2080 x 1542 pixel [3.2 Mpix]	Ambient conditions	Temperature: 0 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	7.58 mm x 6.54 mm	Storage conditions	Temperature: -20 °C ... +70 °C
Pixel size	3.45 µm <sup>2</sup>	Dimensions [L x W x H]	89 mm x 84 mm x 93 mm
A / D conversion	12 bit	Weight	approx. 700 g
Dynamic range	61 dB	Application software	ProgRes® CapturePro for PC (TWAIN); no MAC support
Exposure times	30 µs ... 180 s	SDK	ProgRes® SDK for PC; no MAC & LINUX support
Analog gain	1x ... 5x	External camera driver	available at: <a href="http://www.jenoptik.com/progres">www.jenoptik.com/progres</a>
Max. frame rate [image size]	17 fps [2080 x 1542 pixel] 30 fps [1040 x 770 pixel]	Hardware requirements	PC: MS WIN XP/ Vista /WIN 7, 3 GHz CPU, 1 GB RAM, 256 MB graphics, USB 2.0, USB 3.0 conform, Multicore recommended
Image resolution	Binning: 2x ... 5x (SDK) Progr. scan: 688 x 512 pixel		
Cooling	no		
Digital interface	USB 2.0, USB 3.0 conform		
Optical connection	C-Mount (0.5x or 0.63x TV pref., depends from the type of microscope)		
Trigger In / Out	no		

It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding.

