



ProgRes® *SpeedXT^{core} 5*

CCD USB camera

Image sensor	2/3" CCD	Voltage supply	USB powered
Color / Monochrome	Color	Power consumption	approx. 2.5 W
Sensor resolution [max]	2580 x 1944 pixel [5.0 Mpix]	Ambient conditions	Temperature: 0 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	9.04 mm x 7.86 mm	Storage conditions	Temperature: -20 °C ... +70 °C
Pixel size	3.4 µm ²	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 (SDK)	External camera driver	available at: www.jenoptik.com/progres
Max. frame rate [image size]	13 fps [2580 x 1944 pixel] 45 fps [640 x 484 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: 2576 x 1944 1288 x 972 640 x 484 pixel		
Cooling	no		
Digital interface	USB 2.0, USB 3.0 conform		
Optical connection	C-Mount (0.63x TV pref.)		
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.

