



ProgRes[®] C3 CCD Routine Camera

Image sensor	1/1.8" CCD	Voltage supply	FireWire powered
Color / Monochrome	Color	Power consumption	approx. 6 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 ²	Dimensions [L x W x H]	89 mm x 84 mm x 93 mm
A / D conversion	12 bit	Weight	approx. 700 g
Pixel clock	12 MHz	Application software	ProgRes [®] CapturePro for PC/ MAC (TWAIN for PC only)
Dynamic range	61 dB	SDK	ProgRes [®] SDK for PC, LINUX, MAC
Exposure times	270 μs ... 180 s	External camera driver	available at: www.jenoptik.com/progres
Analog gain	1x ... 12x (SDK)	Hardware requirements	PC: MS WIN XP/ Vista /WIN 7 Mac: OS X 10.4 or higher, 3 GHz CPU, 1 GB RAM, 256 MB graphics, FireWire a, Multicore recommended
Max. frame rate [image size]	6 fps [2080 x 1542 pixel] 12 fps [1040 x 770 pixel]		
Image resolution	Binning: 2x ... 5x (SDK) Progr. scan: 692 x 516 pixel		
Cooling	optional		
Digital interface	FireWire a		
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.

