



ProgRes[®] CT3 USB CMOS Camera

Image sensor	1/2" CMOS	Voltage supply	USB powered
Color / Monochrome	Color	Power consumption	approx. 2 W
Sensor resolution [max]	2048 x 1536 pixel [3.15 Mpix]	Ambient conditions	Temperature: +5 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	6.55 mm x 4.92 mm	Storage conditions	Temperature: -10 °C ... +50 °C
Pixel size [W x H]	3.2 µm x 3.2 µm	Dimensions [L x W x H]	89 mm x 84 mm x 93 mm
A / D conversion	10 bit	Weight	approx. 700 g
Pixel clock	48 MHz	Application software	ProgRes [®] CapturePro for PC (TWAIN); no MAC support
Dynamic range	58 dB	SDK	ProgRes [®] SDK for PC; no MAC support
Exposure times	100 µs ... 3 s	External camera driver	available at: www.jenoptik.com/progres
Analog gain	1x ... 4x (SDK)	Hardware requirements	PC: MS WIN XP/ Vista /WIN 7, 3 GHz CPU, 1 GB RAM, 256 MB graphics, USB 2.0, Multicore recommended
Max. frame rate [image size]	9 fps [2048 x 1536 pixel] 35 fps [1024 x 768 pixel]		
Image resolution	Binning: 2x, 3x		
Cooling	no		
Digital interface	USB 2.0		
Optical connection	C-Mount (0.5x or 0.63x TV pref., depends from the type of microscope)		
Trigger In / Out	yes		

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

