



ProgRes[®] CT1 C USB and CT1 M USB CMOS Cameras

Image sensor	1/2" CMOS	Voltage supply	USB powered
Color / Monochrome	Color / Monochrome	Power consumption	approx. 1.6 W
Sensor resolution [max]	1280 x 1024 pixel [1.3 Mpix]	Ambient conditions	Temperature: +5 °C ... +55 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	6.66 mm x 5.32 mm	Storage conditions	Temperature: -20 °C ... +70 °C
Pixel size	5.2 μm ²	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	68 dB	SDK	ProgRes [®] SDK for PC; no MAC support
Exposure times	60 μs ... 0.5 s	External camera driver	available at: www.jenoptik.com/progres
Analog gain	1x ... 5x (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]	21 fps [1280 x 1024 pixel] 89 fps [640 x 480 pixel]		
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.

