



ProgRes[®] CT5 C USB and CT5 M USB CMOS Cameras

Image sensor	1/2.5" CMOS	Voltage supply	USB powered
Color / Monochrome	Color / Monochrome	Power consumption	approx. 1.8 W
Sensor resolution [max]	2592 x 1944 pixel [5.0 Mpix]	Ambient conditions	Temperature: +5 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	5.70 mm x 4.28 mm	Storage conditions	Temperature: -10 °C ... +50 °C
Pixel size [W x H]	2.2 µm x 2.2 µm	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	48 MHz	Application software	ProgRes [®] CapturePro for PC (TWAIN); no MAC support
Dynamic range	66 dB	SDK	ProgRes [®] SDK for PC; no MAC support
Exposure times	150 µs ... 3 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]	5.5 fps [2592 x 1944 pixel] 17 fps [1296 x 972 pixel]		
Image resolution	Binning: 2x, 4x		
Cooling	no		
Digital interface	USB 2.0		
Optical connection	C-Mount (0.5x TV pref.)		
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.

