



## ProgRes® C7 CCD Routine Camera

Image sensor	1/2.5" CCD	Voltage supply	FireWire powered
Color / Monochrome	Color	Power consumption	approx. 6 W
Sensor resolution [max]	3072 x 2300 pixel [7.1 Mpix]	Ambient conditions	Temperature: 0 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	5.71 mm x 4.29 mm	Storage conditions	Temperature: -20 °C ... +70 °C
Pixel size	1.86 µm <sup>2</sup>	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	36 MHz	Application software	ProgRes® CapturePro for PC/ MAC (TWAIN for PC only)
Dynamic range	60 dB	SDK	ProgRes® SDK for PC, LINUX, MAC
Exposure times	170 µs ... 5 s	External camera driver	available at: <a href="http://www.jenoptik.com/progres">www.jenoptik.com/progres</a>
Analog gain	1x ... 16x (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]	18 fps [1228 x 920 pixel]		
Image resolution	Binning: 4x (SDK) Progr. scan: 1228 x 920 pixel		
Cooling	no		
Digital interface	FireWire a		
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.

