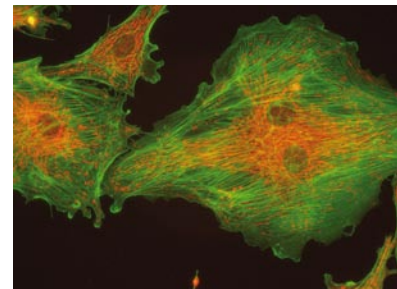
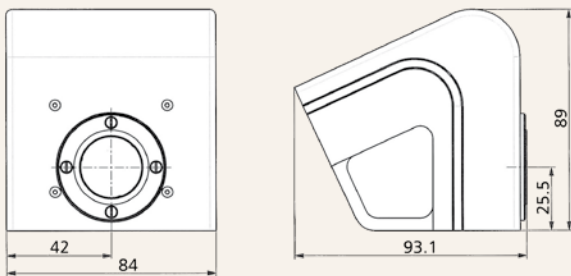




## ProgRes<sup>®</sup> CS USB and MS USB CCD Research Cameras

Image sensor	1/2" CCD progress. scan	Voltage supply	USB powered
Color / Monochrome	Color / Monochrome	Power consumption	approx. 2.2 W
Sensor resolution [max]	768 x 576 pixel [0.45 Mpix]	Ambient conditions	Temperature: 0 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	7.07 mm x 6.05 mm	Storage conditions	Temperature: -20 °C ... +70 °C
Pixel size	8.3 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	29.5 MHz	Application software	ProgRes <sup>®</sup> CapturePro for PC (TWAIN); no MAC support
Dynamic range	68 dB	SDK	ProgRes <sup>®</sup> SDK for PC; no MAC support
Exposure times	50 μs ... 80 s	External camera driver	available at: <a href="http://www.jenoptik.com/progres">www.jenoptik.com/progres</a>
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]	50 fps [768 x 576 pixel]		
Cooling	no		
Digital interface	USB 2.0		
Optical connection	C-Mount (0.5x or 0.63 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.



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