

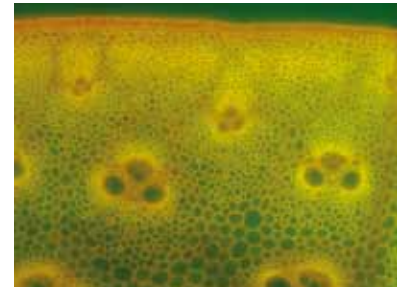
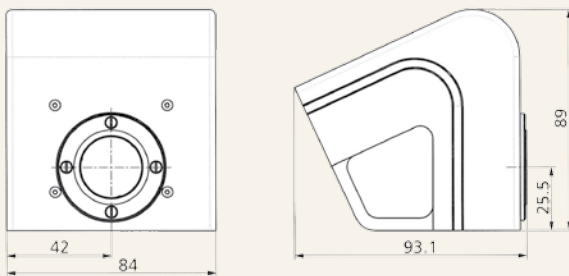


ProgRes® CF USB and MF USB

CCD Research Cameras

Image sensor	2/3" CCD progress. scan	Voltage supply	USB powered
Color / Monochrome	Color / Monochrome	Power consumption	approx. 2.5 W
Sensor resolution [max]	1360 x 1024 pixel [1.4 Mpix]	Ambient conditions	Temperature: +5 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing
Active sensor size [H x V]	8.8 mm x 6.6 mm	Storage conditions	Temperature: -10 °C ... +50 °C
Pixel size [W x H]	6.45 µm x 6.45 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	12 MHz 24.5 MHz	Application software	ProgRes® CapturePro for PC (TWAIN); no MAC support
Dynamic range	65 ... 67 dB	SDK	ProgRes® SDK for PC; no MAC support
Exposure times	20 µs ... 180 s	External camera driver	available at: www.jenoptik.com/progres
Analog gain	1x ... 14x (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]	15 fps [1360 x 1024 pixel] 26.5 fps [680 x 512 pixel]		
Image resolution	Binning: 2x, 4x, 8x (SDK)		
Cooling	no		
Digital interface	USB 2.0		
Optical connection	C-Mount (0.63x 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.



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