



ProgRes[®] CF^{cool} and MF^{cool} CCD Research Cameras

| | | | |
|------------------------------|--|------------------------|---|
| Image sensor | 2/3" CCD progress. scan | Voltage supply | FireWire powered |
| CCD sensor type | Color / Monochrome | Power consumption | approx. 8 W |
| Sensor resolution [max] | 1360 x 1024 pixel [1.4 Mpix] | Ambient conditions | Temperature: 0 °C ... +35 °C, Humidity: 5 % ... 80 %, non condensing |
| Active sensor size [H x V] | 8.8 mm x 6.6 mm | Storage conditions | Temperature: -20 °C ... +70 °C |
| Pixel size | 6.45 μm ² | Dimensions [L x W x H] | 145 mm x 93 mm x 123 mm |
| A / D conversion | 14 bit | Weight | approx. 800 g |
| Pixel clock | 12 MHz 24.5 MHz | Application software | ProgRes [®] CapturePro for PC/ MAC (TWAIN for PC only) |
| Dynamic range | 67 ... 69 dB | SDK | ProgRes [®] SDK for PC, LINUX, MAC |
| Exposure times | 94 μs ... 300 s | External camera driver | available at: www.jenoptik.com/progres |
| Analog gain | 1x ... 8x | 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] | 13 fps [1360 x 1024 pixel] 51 fps [680 x 512 pixel] | | |
| Image resolution | Binning: 2x ... 10x (SDK) | | |
| Cooling | yes | | |
| Digital interface | FireWire a | | |
| 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.

