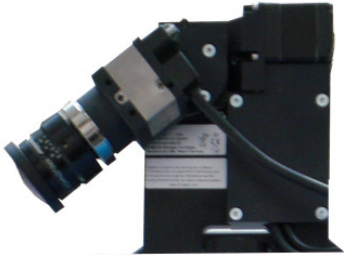




## Technical data Z+F M-Cam



The Z+F M-Cam together with the Z+F IMAGER 5006i are applicable in the fields where coloured point clouds are demanded as the information content and recognition are increased significantly by using them (e.g. in the fields architecture, protection of historic monuments, landscape and forensics).

### Camera

Resolution:	1920 x 2560 Pixel
Resolution class:	QSXGA
Pixel class:	5 MPixel
Working temperature:	0 °C – 45 °C
Storage temperature:	-20 °C – 60 °C
Sensor technology:	CMOS
Sensor size:	1/2"
Max. fps in trigger mode:	5 fps
Exposure time in trigger mode:	75 µs – 680 ms
Maximum gain:	12 x
Pixel pitch:	2.2 µm
Optical size:	4.22 mm x 5.63 mm
Aspect ratio:	3:4

### Lens

Manufacturer:	Schneider Kreuznach
Focal length:	4.8 mm
Aperture:	8
Angle:	approx. 55°
Coating:	broadband coated (400 nm – 1000 nm)

### Miscellaneous

Number of images for full panorama:	28 (10–10–8)
Recording time for full panorama:	3–5 min (depending on illumination)

### Dimensions and weight

M-Cam (w x d x h)	140 mm x 70 mm x 130 mm
Weight	0.7 kg