



- This high-speed video camera can be used in machine vision, motion tracking and image digitizing systems, in various scientific equipment intended for obtaining both high-speed and high-quality B/W images.
- The main advantage of the camera is the combination of 640x480 resolution and high frame rate (250 fps).
- The SDK (C++) allows to operate all functions of the camera and to achieve easy integration with user software.

VISIONICA

Digital Video Camera MaVis-0.3

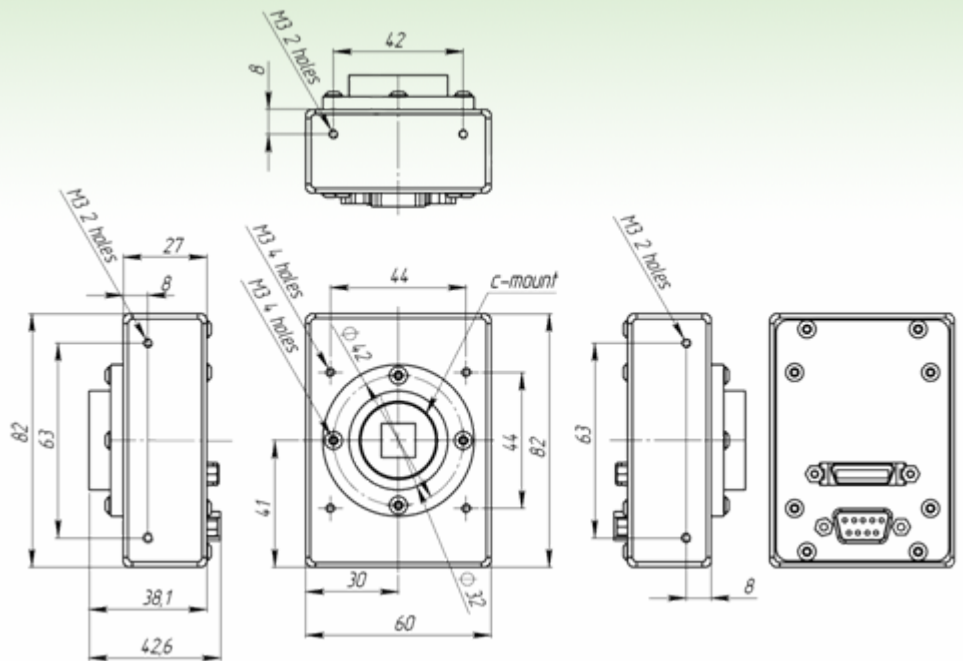
## TECHNICAL SPECIFICATIONS

Sensor type	CMOS
Sensor size	6.3x4.7 mm
Pixel size	9.9x9.9 $\mu$ m
Resolution	640x480 pixels
Scanning mode	progressive
Maximum frame rate	250 frame/sec (640x480) 488 frame/sec (640x240) 1076 frame/sec (256x256) 3790 frame/sec (128x128)
Exposure range	from 0.008 to 4 msec (640x480)
Dynamic range/Extended dynamic range	61/90 dB
Synchronization	automatic/triggered
Lens mount	C-mount
Image acquisition	8/10 bit
Working wavelength	400-1100 nm
Maximal exposure (at wavelength 680 nm)	35 nJ/cm <sup>2</sup>
Working temperature	from -10 to +50 °C
Weight (without lens)	250 g
Dimensions	80x60x30 mm
Power	12V, 0.3A, connector DB-9M
Interface	MDR-26 (Base Camera Link)

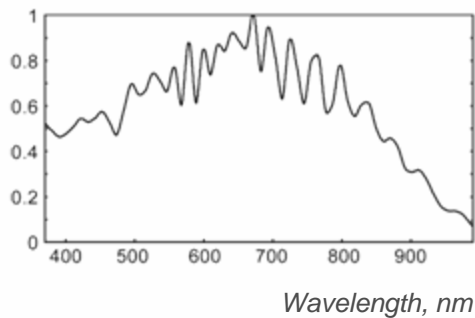


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### DIMENSIONS



### SPECTRAL RESPONSIVITY



### NOTES

- The software supplied along with the camera includes the following items: frame grabber, device driver for Windows 2000/XP/Vista/7/8 (32/64 bit) and Linux; camera control and image viewing/acquisition utilities; SDK for C/C++.
- In the standard configuration, the camera is not supplemented with a lens. Offering a lens satisfying the customer's demands is possible as an additional option.

Phone  
+7 (499) 213-31-25

WWW  
www.visionica.biz

E-mail  
visio@optics.ru