

- 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 1280×1024 resolution and high frame rate (300 fps).
- The SDK (C++) allows to operate all functions of the camera and to achieve easy integration with user software.

Sensor type CMOS Sensor size 17x14 mm Pixel size 14x14 µm Resolution 1280x1024 pixels Scanning mode progressive Maximum frame rate 300 frame/sec (1280x1024) 375 frame/sec (1024x1024) 1275 frame/sec (512x512) 4425 frame/sec (256x256) Exposure range from 0.008 µs Dynamic range 61 dB /up to 90 dB (Multiple slope) Synchronization automatic/triggered Lens mount C-mount/F-mount Image acquisition 8/10 bit Working wavelength 400-1100 nm Maximal exposure (at wavelength 700 nm) Working temperature -10-+50 °C Weight (without lens) 350 g Dimensions (LxHxW) 80x80x30 mm Power connector DB-9M Power Supplies 12V, 0.3A Interface Connector 2×MDR-26 (Full Camera Link)	TECHNICAL SPECIFICATIONS.	
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Power connector DB-9M Power Supplies 12V, 0.3A	Weight (without lens)	350 g
Power Supplies 12V, 0.3A	Dimensions (LxHxW)	80x80x30 mm
	Power connector	DB-9M
Interface Connector 2×MDR-26 (Full Camera Link)	Power Supplies	12V, 0.3A
	Interface Connector	2×MDR-26 (Full Camera Link)

Visionica Ltd. 2010



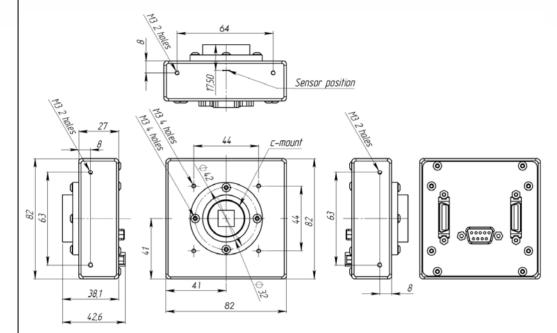
Digital Video Camera MaVis-1.3-FC

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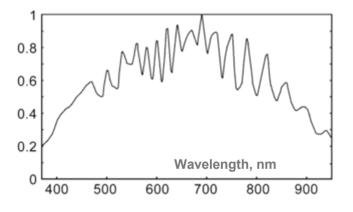
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DIMENSIONS



SPECTRAL RESPONSIVITY



NOTES

- The software supplied along with the camera includes the following items: frame grabber, device driver for Windows XP/Vista 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.