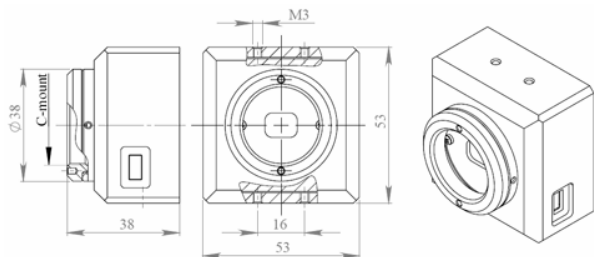


MMC-31C12-M

Professional Digital Camera for Microscopy



MMCSoft offers a line of professional digital video cameras:

- USB interface to PC.
- Connection via standard A/mini-B USB cable.
- Power supply via USB.
- Fully controlled from MMCSoft software.
- Small rugged housing 53x53x38 mm.
- C-Mount.
- Manually checked CMOS and CCD sensors from best manufacturers!
- Software+camera kits.

Specifications:

Image Sensor	1/2" CMOS (Complementary Metal–Oxide–Semiconductor)			
Resolution	2048x1536	12 fps	512x384	135 fps
	1024x768	45 fps	1024x768 (binning)	35 fps
	800x600	60 fps	512x384 (binning)	45 fps
	640x480	95 fps		
	Full HD 1920x1080	17 fps	HD 1280x720	35 fps
Pixel Size	3.2x3.2 μm			
Sensitivity	1 V/lux-sec (550nm)			
Dynamic Range	61dB			
Operating Temperature	-10 to +70°C			
Power Supply	from USB (+5 V),1W			
Lifetime	~ 40000 hours			
Warranty	18 months			
PC Requirements	Intel chipset, Intel Pentium IV processor or higher, 1 Gb RAM, a free USB port. Minimum of other USB devices to implement the full frame rate!			
OS Requirements	32 bit Windows XP, Vista, Windows 7 Microsoft .NET Framework 3.5 installed			

MMC-31C12-M is based on a sensor by an American company Micron Technology (Aptina c 2009), the world leader in CMOS manufacturing. We utilize Micron's DigitalClarity® advanced noise-reduction technology to acquire low-noise, brilliant, high-resolution color images that rival CCD quality in signal-to-noise ratio and color representation. **MMC-31C12-M** is our most universal imaging product to be used for any application where a color camera is required. High frame rates also provide for analysis of moving live objects and processes.

MMC-31C12-M+MMC

Camera with **MultiMedia Catalog** database make a full-fledged workstation for image and video acquisition, archiving and manual measurement (linear and angular) in real units on video and images.

MMC-31C12-M+MMC MM

MMC MultiMeter equipped with this camera, can be used for automatic detection of complicated objects on image, measurement of a group of parameters, classification, statistical treatment of a series of images or video (in medicine: histology, cytology; in materials science: particle analysis, phase analysis etc.).

MMC-31C12-M+MMC Sperm

Camera with MMC Sperm software is the basis for computer aided sperm analyzer: assessment of concentration, motility, morphology, printing out spermiogram.

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