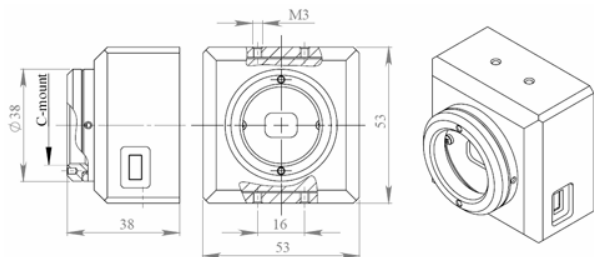# MMC-13M-M
Professional Digital Camera for Microscopy

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	1280x1024	25 fps
	800x600	60 fps
Pixel Size	5.2x5.2 µm	
Sensitivity	2.1 V/lux-sec	
Dynamic Range	68 dB	
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-13M-M is based on a sensor designed around Micron's DigitalClarity advanced noise-reduction technology to achieve sharp images. Exceptional signal-to-noise ratio and low-light sensitivity. At the same time, it retains all the advantages that CMOS technology is famous for, including its smaller form factor, lower power consumption, higher performance. Very high frame rate makes this camera the best choice for any application which involves recording clips and analyzing dynamical objects or processes.

MMC-13M-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-13M-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-13M-M+MMC Sperm
Camera with MMC Sperm software is the basis for computer aided sperm analyzer: assessment of concentration, motility, morphology (if color images are not essential), printing out spermiogram.