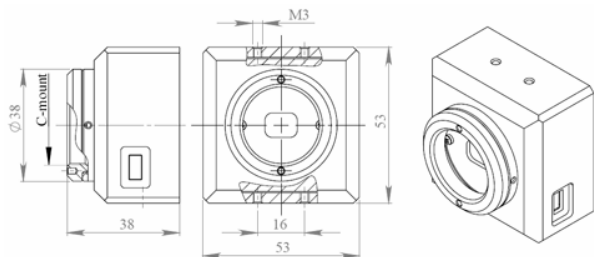# MMC-50C-M / MMC-50M-M
Professional Digital Camera for Microscopy

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	1/2.5" CMOS (Complementary Metal–Oxide–Semiconductor)			
Resolution	2592 x 1944	7 fps	640x480	60 fps
	1280x960	22 fps		
Pixel Size	2,2x2,2 µm			
Sensitivity	1.4 V/lux-sec (650nm)			
Dynamic Range	70dB			
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			

Monochrome (**MMC-50M-M**) and color (**MMC-50M-M**) version of cameras based on Micron's DigitalClarity imaging technology which provides 5-megapixel image of very high quality and exact color representation comparable to the image quality of much more expensive CCD cameras. Can be used in any areas of clinical, industrial or science applications if higher resolution is required. In microscopy, they are useful with lower magnifications, recommended for macroscopic imaging with normal light conditions to provide more details.

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

Camera+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.).