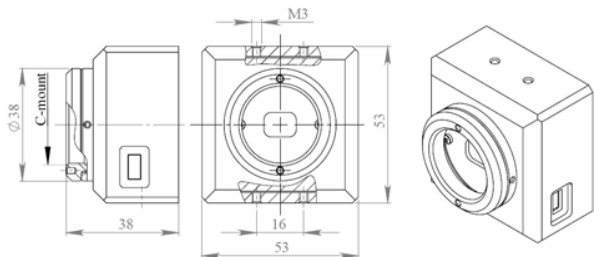


MMC-14M-S/MMC-14C-S Professional Digital Cameras for Microscopy



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	2/3" CCD Sony ICX285 EXview HAD			
Resolution	1360x1040	15 fps	1360x520 binning 2x1	31 fps
	680 x 520 binning 2x2	31 fps		
Pixel Size	6.45x6.45 μm			
Sensitivity	0,012 lux * (0,001 lux **)			
Dynamic Range	69 dB			
Operating Temperature	+10 to +50°C			
Power Supply	from USB (+5 V), no more then 2.3 W			
Lifetime	~ 24000 hours			
Warranty	12 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	32/64 bit Windows XP, Vista, Windows 7, 8 Microsoft .NET Framework 4.0 installed			

*(threshold sensitivity) – object light under the following conditions: light source – halogen lamp 3200K, without IR filter, lens stop 1:1,4, exposition 62ms, gain 0dB, signal/noise ratio 20dB.

** (peak sensitivity) - object light under the following conditions: light source – halogen lamp 3200K, without IR filter, lens stop 1:1,4, exposition 62ms, gain 20dB, signal/noise ratio 1dB.

Monochrome (**MMC-14M-S**) and color (**MMC-14C-S**) cameras based on powerful 2/3" Sony EXview HAD CCD sensor (a CCD that drastically improves light efficiency by including near infrared light region as a basic structure of HAD Hole-Accumulation-Diode sensor). Being our top model, these cameras combine outstanding sensitivity with high resolution and excellent color representation. They are especially effective for fluorescence imaging and for any other cases with low light conditions.

Camera+MMC

Cameras 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.

Camera+MMC MM

MMC MultiMeter equipped with these 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.).

Camera+MMC FISH

Kitted with MMC FISH, these cameras can be used for automation of cytogenetic fluorescence in situ hybridization technique.

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Distributor:

Spectral Sensitivity Characteristics
(excludes lens characteristics and light source characteristics, monochrome sensor)

