



*High Performance USB 3.0 C-mount  
Cooled Monochrome Microscope Camera*

<b>Camera specifications</b>	PC Camera resolution (MP)	1.4
	Camera resolution (n° of pixels: W x H)	1376x1040
	USB Signal output	USB.3.0
	Color / Monochrome	Monochrome
	Sensor Size	2/3"
	Sensor Technology	CCD
	Sensor Type	SONY EXVIEW
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (µm)	6.45x6.45
	Frame rate full resolution (fps)	25@1376x1040
	Dynamic range (DB)	68.28
	G sensitivity	2000mV at 1/30s
	Dark Signal	4.8mV at 1/30s
	ADC conversion	14 Bit
	Exposure time	0.07 msec- 3600 sec
	Binning	1x1
	IR filter	Yes
	IR filter range (nm)	380-650 (IR CUT)
	Cooling	Yes
	Cooling Temperature	-45°C
	Camera Power	PC USB
	Cooling Power	12V 3A
C-Mount	Yes	
Dimensions (mm)	100 (diam) x 100 (H)	
Weight (Kg)	0.5	

<b>Camera accessories</b>	Calibration slide	Yes
	USB cable (1.8m)	Yes

<b>Environment specifications</b>	Working Temperature	-10°C up to +50°C
	Storage Temperature	-20°C up to +60°C
	Relative Humidity	30% to 80%
	Storage Humidity	10% to 60%

<b>Operating System</b>	OS	Windows 7
	OS	Windows 8
	OS	Windows 10 (32Bit)
	OS	Windows 10 (64Bit)
	OS	Osx (MAC Osx) starting from 10.7.5
	OS	Linux

<b>Available Software</b>	SW	PROVIEW
	SW	LITEVIEW

<b>PC requirements</b>	PC	CPU: Intel Core2 - 2.8GZ or higher
	PC	RAM: 2GB or more
	PC	USB 3.0

<b>Warranty</b>	Years	2
-----------------	-------	---