



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

<b>General specifications</b>	USB output	Yes
	Cooling	Yes
	Cooling Temperature	-45°C
	C-Mount	Yes
	Dimensions (mm)	100 (diam) x 100 (H)
	Weight (kg)	0.59

<b>Sensor</b>	Camera resolution (n° of pixels: W x H)	1600x1100
	Color / Monochrome	Monochrome
	Sensor Size	1.1"
	Sensor Technology	CMOS
	Sensor Type	SONY EXMOR
	Image Format	3/2
	Pixel Size (µm)	9.0x9.0
	Acquisition technology	Global shutter
	G sensitivity	8100mV at 1/30s
	Dark Signal	0.3mV at 1/30s
	ADC conversion	14 Bit
	Exposure time	0.1 msec - 3600 sec
	Binning	1x1
	IR filter	Yes
IR filter range (nm)**	380-650 (IR CUT)	

**\*\* If used for red emission fluorescence wavelengths above 650nm please order it by specifying with "AR GLASS"**

<b>USB</b>	PC Camera resolution (MP)	1.7
	USB standard	USB3.0
	Frame rate full resolution (fps)	94@1600x1100

<b>Camera Power Supply</b>	Connector	USB
	Output voltage	PC USB
	LED indicator	Yes
	Cooling Power	12V 3A
	Power plug type	Multiplug (EU, UK, US)

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

<b>Environment</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	Windows 11
	OS	Osx (MAC Osx) starting from 10.7.5
	OS	Linux
<b>Available Software</b>	PC SW	PROVIEW
	PC SW	LITEVIEW
<b>PC requirements</b>	PC	CPU: Intel Core2 - 2.8GHz or higher
	PC	RAM: 2GB or more
	PC	USB 3.0