



### 1080p Full HD C-mount Microscope Camera

Camera specifications		
PC Camera resolution (MP)		2
HDMI Camera resolution (MP)		2
Camera resolution (n° of pixels: W x H)		1920x1080
USB Signal output		USB 2.0
HDMI Signal output		Yes
Color / Monochrome		Color
Sensor Size		1/1.9"
Sensor Technology		CMOS
Sensor Type		SONY
Rolling Shutter		Yes
Image Format		16/9
Pixel Size (µm)		3.75x3.75
Frame rate full resolution (fps)		60@1920x1080 (HDMI)
Frame rate other resolution (fps)		26@1920x1080 (USB)
Dynamic range (DB)		66
G sensitivity		1120mV at 1/30s
Dark Signal		0.15mV at 1/30s
ADC conversion		8 Bit - 12Bit
Color Depth		1, 4, 8, 24 Bit
Exposure time		0.04 msec- 4 sec
Binning		1x1
IR filter		Yes
IR filter range (nm)		380-650 (IR CUT)
Camera Power		12V 1A
C-Mount		Yes
Dimensions (mm)		65 x 78 x 88
Weight (Kg)		0.5

Camera accessories		
Calibration slide		Yes
USB cable (1.8m)		Yes
HDMI cable (1.5m)		Yes
Wireless Mouse		Yes
16GB SD card		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)
<b>Available Software</b>	SW	PROVIEW
<b>PC requirements</b>	PC	CPU: Intel Core2 - 2.8GZ or higher
	PC	RAM: 2GB or more
	PC	USB 2.0
<b>Warranty</b>	Years	2