



*1080p Full HD C-mount Microscope  
Camera with Integrated 11,5" HDMI Monitor*

<b>Camera specifications</b>	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	

<b>Camera accessories</b>	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
<b>HDMI Monitor</b>	Display size	11.5"
	Display resolution	1920x1080
	Contrast ratio	1000:1
	Luminous flux (lumen)	350
	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	110/240 Vac, 50/60 Hz
	Output voltage	12 Vdc 1.5 A
	Input ports	HDMI
	Dimensions (mm)	281x180x14
	Weight (Kg)	0.4