



1080p HDMI C-mount Microscope Camera

<b>General specifications</b>	SD Card Still image capture	Yes
	SD Card Video recording	Yes
	HDMI output	Yes
	C-Mount	Yes
	Dimensions (mm)	50 x 50 x 55
	Weight (kg)	0.2

<b>Sensor</b>	Camera resolution (n° of pixels: W x H)	1920x1080
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	SONY STARVIS
	Image Format	16/9
	Pixel Size (µm)	2.9x2.9
	Acquisition technology	Rolling shutter
	G sensitivity	1300mV at 1/30s
	Dark Signal	0.15mV at 1/30s
	ADC conversion	8 Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.01 msec - 1 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>HDMI</b>	HDMI resolution (MP)	2
	Frame rate full resolution (fps)	60@1920x1080
	Live HDMI measurement	Yes
	Exposure	Auto / Manual
	White Balance	Auto / Manual / ROI

<b>Camera Power Supply</b>	Type	External
	Connector	Jack, 2.1 mm
	Power plug type	Multiplug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60Hz
	Output voltage	12 Vdc, 1500 mA
	LED indicator	Yes

<b>Camera accessories</b>	Calibration slide	Yes
	HDMI cable (1.5m)	Yes
	Wireless Mouse	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>Available Software</b>	Camera SW	HDMILITE (built-in)
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<b>General</b>	<b>Built-in SW Specifications</b>	
	Archiving	Yes
	Multi-language menu	Yes
	Available languages	
	Chinese	Yes
	English	Yes
	French	Yes
	German	Yes
	Italian	Yes
	Japanese	Yes
	Korean	Yes
	Russian	Yes
	Thai	Yes

<b>Image Acquisition</b>	Continuous automatic exposure	Yes
	Manual exposure	Yes
	Color acquisition	Yes
	Gray-scale acquisition	Yes
	White Balance	Auto/Manual/ROI
	Image enhancement	Yes
	Zoom in	Yes
	Zoom out	Yes
	Browse of Images and Video	Yes
	Freeze image	Yes
	Horizontal Flip	Yes
	Verical Flip	Yes

<b>Image Processing</b>	Text Overlay	Yes
	Ruler Overlay	Yes
	Arrow Overlay	Yes
	Measurement Overlay	Yes
	Grids	Yes

<b>Measurements</b>	Live measurement	Yes
	Still image measurement	Yes
	Select measurement unit	Yes
	Available measurements	
	Point	Yes
	Line	Yes
	3 Points Line	Yes

3 Points Vertical Line	Yes
Angle	Yes
4 Points Angle	Yes
Parallel lines	Yes
Rectangle	Yes
3 Points Rectangle	Yes
Ellipse	Yes
5 Points Ellipse	Yes
Circle (Center + Radius)	Yes
Circle (3 Points)	Yes
2 Circle (Center + Radius)	Yes
2 Circle (3 Points)	Yes
Annulus	Yes
Annulus (3 Points)	Yes
Curve	Yes
Arc	Yes
Polygon	Yes
Export to Excel	Yes