



720p HDMI C-mount Microscope Camera

General specifications	SD Card Still image capture	Yes
	HDMI output	Yes
	C-Mount	Yes
	Dimensions (mm)	50 x 50 x 65
	Weight (kg)	0.165
Sensor	Camera resolution (n° of pixels: W x H)	1280x720
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Image Format	16/9
	Pixel Size (µm)	2.8x2.8
	Acquisition technology	Rolling shutter
	Dynamic range (DB)	64
	G sensitivity	510mV at 1/30s
	Dark Signal	0.15mV at 1/30s
	ADC conversion	8 Bit
	Exposure time	0.06 msec - 1.9 sec
	Binning	1x1
IR filter	Yes	
IR filter range (nm)	380-650 (IR CUT)	
HDMI	HDMI resolution (MP)	2
	Frame rate full resolution (fps)	30@1280x720
	Live HDMI measurement	Yes
	Exposure	Auto / Manual
	White Balance	Auto / Manual / ROI
Camera Power Supply	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, 1000 mA
	LED indicator	Yes
Camera accessories	HDMI cable (1.5m)	Yes

	Wireless Mouse	Yes
	16GB SD card	Yes

Environment	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%

Available Software	Camera SW	HDMILITE (built-in)
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General	HDMILITE SW Specifications	
	Archiving	Yes
	Available languages	
	Chinese	Yes
	English	Yes

Image Acquisition	Continuous automatic exposure	Yes
	Manual exposure	Yes
	Color acquisition	Yes
	White Balance	Manual
	Image enhancement	Yes
	Zoom in	Yes
	Zoom out	Yes
	Freeze image	Yes
	Horizontal Flip	Yes
	Vertical Flip	Yes

Image Processing	Text Overlay	Yes
	Ruler Overlay	Yes
	Arrow Overlay	Yes
	Measurement Overlay	Yes
	Grids	Yes

Measurements	Live measurement	Yes
	Still image measurement	Yes
	Select measurement unit	Yes
	Available measurements	
	Line	Yes
	Angle	Yes
	Parallel lines	Yes
	Rectangle	Yes
	Ellipse	Yes
	Circle	Yes
	Annulus	Yes
	Curve	Yes
	Arc	Yes
	Polygon	Yes
	Export to Excel	Yes