



*720p HDMI C-mount Microscope Camera  
with Integrated 11,5" HDMI Monitor*

<b>General specifications</b>	SD Card Still image capture	Yes
	HDMI output	Yes
	C-Mount	Yes
	Dimensions (mm)	50 x 50 x 65
	Weight (kg)	0.165
<b>Sensor</b>	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)	
<b>HDMI</b>	HDMI resolution (MP)	2
	Frame rate full resolution (fps)	30@1208x720
	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, 1000 mA
	LED indicator	Yes

<b>Camera accessories</b>	HDMI cable (1.5m)	Yes
	Wireless Mouse	Yes
	16GB SD card	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)

<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

<b>HDMILITE SW Specifications</b>		
<b>General</b>	Archiving	Yes
	Available languages	
	Chinese	Yes
	English	Yes

<b>Image Acquisition</b>	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
	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	
	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