OPTIKA

v 1.0 2019

720p HD C-mount Microscope Camera

Camera specifications	HDMI Camera resolution (MP)	2
	Camera resolution (n° of pixels: W x H)	1280x720
	HDMI Signal output	Yes
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Rolling Shutter	Yes
	Image Format	16/9
	Pixel Size (mm)	2.8x2.8
	Frame rate full resolution (fps)	30@1208x720 (HDMI)
	Frame rate other resolution (fps)	30@1920x1080 (Capture)
	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)
	Cooling Temperature	None
	Camera Power	12V 1A
	C-Mount	Yes
	Dimensions (mm)	50 x 50 x 65
	Weight (Kg)	0.165

Camera accessories	HDMI cable (2m)	Yes
	Wireless Mouse	Yes
	16GB SD card	Yes

Environment specifications	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%

Warranty	Years	2

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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.