



*Tablet PC with Camera for C-mount connection*

<b>Camera specifications</b>	PC Camera resolution (MP)	3.1
	Camera resolution (n° of pixels: W x H)	2048x1536
	USB Signal output	USB 2.0
	Color / Monochrome	Color
	Sensor Size	1/2"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (µm)	3.2x3.2
	Frame rate full resolution (fps)	12@2048x1536
	Frame rate other resolution (fps)	32@1024x768; 45@680x510
	Sensitivity	1 V/lux-second
	Signal/Noise Ratio (DB)	43
	Dynamic range (DB)	61
	ADC conversion	8 Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.244 msec - 2 sec
	Binning	1x1; 2x2; 3x3
	IR filter	Yes
	IR filter range (nm)	380-650 (IR CUT)
	Camera Power	PC USB
	C-Mount	Yes
Dimensions (mm)	58 x 58 x 36.4	
Weight (Kg)	0.18	
<b>Camera accessories</b>	Optical adapter (for 23mm eyepiece tube)	0.5x
	Calibration slide	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 10 (64Bit)
<b>Available Software</b>	SW	PROVIEW
<b>Warranty</b>	Years	2
<b>Tablet</b>	Operating system	Windows 10 (64Bit)
	CPU	Intel® Atom™ Z8350, Quad core
	CPU speed	1.44 GHz
	Graphic card	Intel® HD Graphics 400
	RAM	Ram 4 GB LPDDR3
	Display size	LED 10.1" IPS Multi Touch Screen
	Display resolution	1920x1200
	Storage	Hdd 64 GB
	Network	Wireless - Bluetooth 4.0
	Input ports	Micro USB (OTG) - USB Type-C - Micro SD card reader
	Output ports	Microphone - Headphone - Micro HDMI

Battery Type	Lithium-ion
Battery capacity	6500 mAh
Power consumption	15W
Power supply	5V 3A
Dimensions (mm)	261X167X9
Weight (Kg)	0.53
Language	Multilanguage

<b>Tablet accessories</b>	OTG cable (micro USB-B to USB-A)	Yes
	USB cable USB-B to USB-A (0.5m)	Yes
	Keyboard	As optional
	Touch pen	Yes

Optika Mikroskopi



100 Lauman Lane, Suite A, Hicksville, NY 11801  
 Tel: (877) 877-7274 | Fax: (516) 801-2046  
 Email: [Info@nyscopes.com](mailto:Info@nyscopes.com)  
[www.microscopeinternational.com](http://www.microscopeinternational.com)