



*Digital imaging unit with C-B3A camera, 3.1 MP CMOS sensor, USB 2.0, EU*

<b>General specifications</b>	USB output	Yes
	C-Mount	Yes
	Housing	Aluminium
	Dimensions (mm)	58 x 58 x 36.4
	Weight (kg)	0.18

<b>Sensor</b>	Camera resolution (n° of pixels: W x H)	2048x1536
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Optical Zoom	No
	Digital Zoom	No
	Autofocus	No
	Image Format	4/3
	Pixel Size (µm)	2.5x2.5
	Acquisition technology	Rolling shutter
	G sensitivity	600mV at 1/30s
	Dark Signal	0.15mV at 1/30s
	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)	

<b>USB</b>	PC Camera resolution (MP)	3.1
	USB standard	USB2.0
	Frame rate full resolution (fps)	10.5@2048x1536
	Frame rate other resolution (fps)	15@1920x1080

<b>Camera Power Supply</b>	Type	External
	Output voltage	PC USB
	LED indicator	No

<b>Camera accessories</b>	Optical adapter (for 23mm eyepiece tube)	0.35x
	Calibration slide	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>	PC SW	PROVIEW
---------------------------	-------	---------

<b>Digital Imaging Unit</b>	Operating system	Windows 11
	CPU	Intel® Core M3-8100Y
	CPU speed	3.4GHz
	Graphic card	Intel® UHD Graphics 615
	RAM	DDR3 12GB
	Display size	10.1" Incell 16:10
	Display resolution	1280x800
	Storage	Hdd 128 GB (SATA)
	Network	2.4G/5G 802.11a/b/g/n/ac + BT5.0 (6221C)
	Input ports	USB-A 3.0 (1x), Type C (2x)
	Output ports	Headphone - Micro HDMI
	Battery Type	Pure Cobalt
	Battery capacity	3400 mAh
	Power consumption	25,84W
	Power supply	12V2A Type-C
	Plug	European
	Dimensions (mm)	245.5*164.2*10
Weight (Kg)	0.57	
Language	English	

<b>Digital Imaging Unit accessories</b>	USB cable USB-B to USB-A (0.5m)	Yes
---	---------------------------------	-----