

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

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

Sensor	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)

USB	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

Camera Power Supply	Type	External
	Output voltage	PC USB
	LED indicator	No

Camera accessories	Optical adapter (for 23mm eyepiece tube)	0.35x
	Calibration slide	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	PC SW	PROVIEW

Digital Imaging Unit	Operating system	Windows 11
	CPU	Intel® Core™ m3-8100Y
	CPU speed	up to 3.4GHz
	Graphic card	Intel® UHD Graphics 615
	RAM	12GB
	Display size	10.1" 16:10
	Display resolution	1280x800
	Storage	128 GB M.2 SSD
	Network	Wi-Fi 802.11a/b/g/n/ac + Bluetooth 5.0
	Input ports	USB-A 2.0 (1x), Type-C full function (1x), Type-C charging (1x)
	Output ports	Headphone - Micro HDMI
	Battery Type	Rechargeable Li-ion Battery
	Battery capacity	26.22Wh (7.6V/3450 mAh)
	Power supply	12V2A Type-C
	Plug	European
	Dimensions (mm)	245.5*164.2*10
	Weight (Kg)	0.57
	Language	English