



FAVS
Scientific Equipment

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Tablet PC with Camera for C-mount connection

General specifications	USB output	Yes
	C-Mount	Yes
	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
	Image Format	4/3
	Pixel Size (mm)	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)

**** If used for red emission fluorescence wavelengths above 650nm please order it by specifying with "AR GLASS"**

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

Camera accessories	Optical adapter (for 23mm eyepiece tube)	0.5x
	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%

Operating System	OS	Windows 10 (64Bit)
	OS	Windows 11

Available Software	PC SW	PROVIEW
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Tablet	Operating system	Windows 10 (64Bit)
	CPU	Intel® Celeron, N3350
	CPU speed	1.10 GHz
	Graphic card	Intel® HD Graphics 500
	RAM	Ram 6 GB DDR3
	Display size	LED 10.1" IPS Multi Touch Screen
	Display resolution	1920x1200
	Storage	Hdd 64 GB
	Network	802.11b/g/n/ac,2.4GHz+5.0GHz
	Input ports	USB 3.0, Type C, Micro SD card reader, Microphone, DC in
	Output ports	Headphone - Micro HDMI
	Battery Type	Lithium-ion
	Battery capacity	3500 mAh
	Power consumption	24.05W
	Power supply	12V 2A EU / US
	Dimensions (mm)	247 x 165 X 9
Weight (Kg)	0.57	
Language	Multilanguage	

Tablet accessories	USB cable USB-B to USB-A (0.5m)	Yes
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