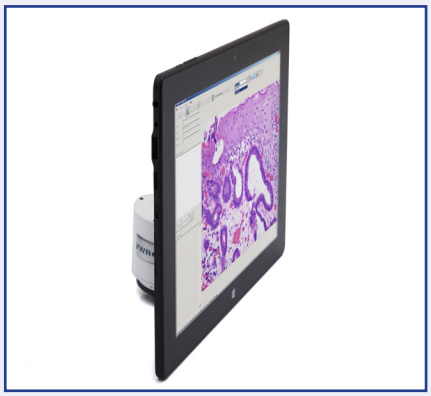
Rev. 00



Model:
TC210 - 630-2678

Typology:
TABLET PC WITH INTEGRATED CAMERA

Description:
Tablet PC with camera for c-mount connection.
Tablet PC with detachable system.

TABLET SPECIFICATION

Model	Tablet 10.1”
Operating System	Windows 10 32-bit
Language	Multilanguages already installed
CPU	Intel® Atom™ Z3735F, Quad core
CPU speed	1,83 GHz
Graphics Card	Intel® HD Graphics 3D Accelerator
Memory	Ram 2,048 GB DDR3L
LCD display	LED 10.1” IPS Multi Touch Screen
LCD resolution	1280x800, 16/10 (WXGA)
Storage	Hdd 32GB
Network	Wireless Bluetooth 4.0
Input/output ports	Micro USB-B, USB Microphone Micro SD card reader Mini HDMI Head-phone
Control Buttons	Auto rotate off, volume control
Battery Technology	Lithium-ion battery, 2x cell
Battery capacity	6000 mAh
Max load	18 W
Connection to the Load	Power supply 7,5V 2A
Dimensions	Thikness 10,5 mm, Height 17,4 cm, Width 25,7 cm
Weight	600 g
Cables included	OTG cable (Micro USB-B to USB-A)
Also included	Instruction manual, keyboard with touchpad, touch pen.

CAMERA SPECIFICATION

Digital camera resolution	5,0 MegaPixels
Analog camera resolution	NO
Signal output	USB 2.0
Audio Signal	NO
Sensor Size	1\2,5”
Sensor technology	CMOS
Image format	4\3
Full Image size	2592 x 1944
Pixel size	2,2 x 2,2 micron
Frame rate full resolution	7 frames/sec (2592 x 1944)
Frame rate other resolutions	46 frames/sec (640x480)
Sensitivity	0,53 V/Lux-second (550 nm)
Signal / noise ratio	38 dB
Dynamic range	70.1 dB

Max Exposure time	2,9 sec
ADC conversion	8 BIT
Color Depth	8 BIT
ON board Memory	NO
External Memory Card	NO
External camera power	PC USB
Cooling system	NO
External Cooling power	NO
On camera case IR Filter	700 nm
Automatic White Balance	Auto / Man
Automatic Gain Control	Auto / Man
Automatic Back light control	Auto / Man
Exposure control	Auto / Man
C-Mount connection	YES
CS-Mount connection	NO

ACCESSORIES

CS-mount to C-mount Ring	NO
Optical adapters	0,45x (for 23mm eyepiece tube), this allows the Tablet to move 360 degree
Adapters for Binocular & Monocular microscopes	NO
Calibration Slide	YES
Always Included	0.5 m USB cable

SOFTWARE SPECIFICATION

Supplied Software	VIsiCam
Driver types	Optika driver, TWAIN
Capture features	Continuous auto white balance, continuous auto exposure, image size, image capture, compressed video capture
Control parameters	Image size, brightness, gain, exposur time, colors, monochrome, color enhancement, flip, speed.

GENERAL CAMERA SPECIFICATION

Working temperature	+0 up to +60°C
Storage temperature	-20 up to +70°C
Relative Humidity	45% up to 85%
Dimensions	Height: 5,5cm Diameter: 7cm Height with optical adapter: 10cm
Weight	220 gr