



TABLET SPECIFICATION

| | |
|------------------------|---|
| Model | Tablet 10.1" |
| Operating System | Windows 10 32-bit |
| Language | Multilanguages already installed |
| CPU | Intel® Atom™ Z3735F, Quad core (4 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 | USB - Microphone - Micro SD card reader - 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, Cleaning Cloth, Keyboard with touchpad, touch pen |

CAMERA SPECIFICATION

| | |
|------------------------------|--|
| Digital camera resolution | 3,14 MegaPixels |
| Analog camera resolution | NO |
| Signal output | USB 2.0 |
| Audio Signal | NO |
| Sensor Size | 1/2" |
| Sensor technology | CMOS |
| Image format | 4/3 |
| Full Image size | 2048 x 1536 |
| Pixel size | 3,2 x 3,2 micron |
| Frame rate full resolution | 6,5 frames/sec (2048x1536) |
| Frame rate other resolutions | 28 frame/sec (1024x768) 55 frames/sec (640x480) |
| Sensitivity | 1,0 V/Lux-second (550 nm) |
| Signal / noise ratio | 43 dB |
| Dynamic range | 61 dB |

Model:

TB-3W

Typology:

TABLET PC WITH INTREGRATED CAMERA

Description:

*Tablet PC with Camera for c-mount connection.**Tablet PC with OPTIKA detachable system.*

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|------------------------------|------------|
| Max Exposure time | 0,5 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

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|--|---|
| CS-mount to C-mount Ring | NO |
| Optical adapters | 0,5x (for 23mm eyepiece tube) , this allows the Tablet to move 360 degree |
| Adapters for Binocular & Monocular microscopes | NO |
| Calibration Slide | YES |
| Always Included | 0.5m USB cable |

SOFTWARE SPECIFICATION

| | |
|--------------------|--|
| Supplied Software | Optika Vision Lite |
| 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 |