

# TESTBOY TV 296

## Thermal imaging camera with Bluetooth / WiFi

The arguments of a "mobile phone", handy, easy to operate and compact, also apply to the new infrared thermal imaging camera Testboy TV 296. The handy design is complemented by a package of remarkable performance. The thermal imaging camera can be used with a real resolution of 256x192 pixels (=49,152), a visual 8-megapixel camera and a camera and 25 Hz sensor data acquisition, the thermal imager can outperform any thermal imaging camera on the market. The other presentable characteristic features are the variably adjustable emissivity, 8 colour palettes, USB interface and the 3.5" touch colour LC display. In addition, the thermal imaging camera communicates wirelessly via bluetooth and WiFi.



### Specifications

	Testboy TV 296
Indication	Touch colour LCD 3.5" 640 x 480 pixels
IR camera resolution	256 x 192 pixels
CCD camera	3264 x 2448 (8 MP)
Temperature range	-20 – 400 °C – 4 – 752 °F
Accuracy	±2 °C oder ±2% (the larger value applies)
Temperature range (NETD)	<40 mK (@25° C)
Field of view (FOV)	50° x 37,2°
Minimum focus distance	0,3 m
Sensor data acquisition	25 Hz
Spectral range	7.5 - 14 µm
Emission correction	variable von 0,01 bis 1,0 (in 0,01 steps)
Colour palettes	8: White Hot, Black Hot, Rainbown, Irombow, Red Hot, Fusion, Rain, Blue Red
Image display	Purely visual image Cross-fading of the visual image with the infrared mage pure infrared light and 50 50 representation
Tripod mount	yes
More settings	date, time, temperature unit, hot/cold spot
Temperature units	°C und °F
Storage medium	Integrated flash memory (16 GB) with USB-C interface
Data format	JPG, MP4
Auto-power-off	adjustable to 10/20/30/40/50/60 min or out
WiFi	802.11b/g/n (2.4 GHz und 5 GHz)
Bluetooth	BT 4.2
Protection class	IP54
Working temperature	-10 - 50° C / 14 - 122° F
Storage temperature	-20 - 60° C / -4 - 140° F
Relative humidity	< 95% non-condensing
Dimension	138,5 x 85,2 x 23,6 mm
Weight	218g
Power supply	1x integrated Li-Polimer battery, 3.85 V, 2100 mAh
Scope of delivery	Standby pouch, carrying strap, USB cable and charger

### Your Benefits

- > With bluetooth / WiFi function
- > Real-time transmission to mobile phone
- > Integrated flash memory with 16 GB
- > Touch colour LC display
- > Small, handy and compact

