

TESTBOY

TV 293

IR THERMAL IMAGING CAMERA



YOUR BENEFITS

- // Digital camera for image overlay
- // integrated colour display
- // easy operation
- // universally usable
- // robust and reliable
- // integrated flash memory with Micro-USB-Interface

APPLICATIONS

- // preventative maintenance
- // Leak detection and localization of heating pipes
- // Process control
- // Thermal control of electrical distributions

The cell phone was the revolution in telephony. An infrared thermal imaging camera, such as the TV 293, which is as handy as a mobile phone and similarly easy to operate, revolutionizes thermography. The handheld thermal imaging camera TV 293 is nevertheless versatile. Its size does not suggest it, but it contains all the advantages of a large ther-

THE SPECIFICATIONS

	TESTBOY TV 293
RESOLUTION	220 x 160 Pixels
TEMPERATURE RESOLUTION	0,07 ° C
FIELD OF VIEW MIN. FOCUS DISTANCE	27° x 35° 0,15 m fix
SENSOR DATA CAPTURE	9 Hz
SPECTRAL RANGE	8 – 14 µm
LC-DISPLAY	3,2" Colour-LCD
CCD-CAMERA	300.000 Pixels
TEMPERATURE RANGE	-20 – 300 °C / -4 – 572 °F
ACCURACY	±2 °C or ±2 % (the greater value applies)
EMISSIVITY	variabel from 0,1 to 1,0 (in 0,01 steps)
COLOUR PALETTE	5 [Rainbow, Iron Oxide-red , Cold-Blue, Greyscale (white hot) and Greyscale (black hot)]
IMAGE	Crossfading of the visual image with the infrared image, can be adjusted in 25% steps between complete infrared image and purely visual representation can be set
OTHER SETTINGS	Date, Time, Temperature unit, Hot-/Cold-Spot
STORAGE MEDIUM	Integrated Flash-memory with Micro-USB-Interface
DATA FORMAT	JPG
VOLTAGE SUPPLY	Rechargeable Lithium battery integrated (1800mAh)
ENERGY SAVING FUNCTION	automatic switch-off (OFF/5/20 minutes)
OPERATING TEMPERATURE	0–45 °C
HUMIDITY	85% non condensing
STORAGE TEMPERATURE	-20–60 °C
DIMENSIONS	140 x 80x 28 mm
WEIGHT	210 g
SCOPE OF DELIVERY	incl. carrying case, carrying strap and charger

mal imaging camera. It has adjustable emissivity, 5 colour palettes and 9 Hz technology. A digital camera with 300,000 pixels for image overlay from thermal image to real image on a large LCD display completes the applications of this smart device.