

 **MEXTECH™**  
INSTRUMENTS OF TOMORROW  
**VIDEO INFRARE THERMOMETER TC11**



**APPLICATION:**

TC11 is a Thermal imaging Camera which combines the Functions of surface Temperature Measurement and Real-Time Thermal Imaging.

**SPECIFICATION:**

Display : 2.8" full-angle High Resolution Color Display

Resolution of Infrared Image: 220\*160

Resolution of Visible Image : 0.3 mega Pixels

Field angle/Shortest focal Distance : 33\*33/0.5m

Thermal Sensitivity : 0.3°C

Range of Temperature Measurement :-20°C To +450°C

Measuring Range : - 50°C - 580°C (-58°F - 1076°F)

Accuracy of Temperature Measurement :- ±2% or ±2°C (±2% or ±4°F)

Emissivity :- adjustable 0.1~1.00

Image Capturing Frequency : 9Hz

Range of Wave Length : 8-14um

Focal Distance : Fixed Focal Distance.

Color Palette : Iron Red, Rainbow, Rainbow High Contrast, Gray Scale(Black Glow) and Gray Scale(White Glow)

Vision Option : 25% Step Infrared to Visional to Infrared and Visional Image

Memory Card : 8GB USB Cable.

File Format : JPG.

Storage Capacity : Built in 3G (Above 20 Thousand image stored )

## **FEATURES:**

- TFT High View Color Screen Display.
- Dual MCU Processors, Refresh Faster
- Selectable Palette
- Hybrid Imaging of Visual and Infrared Images
- Images Capture Saved in SD Card.
- Connecting PC with USB can read the Image Stored in Instrument Directly.
- Power Supply : AA Battery\*4.
- Battery Life : 6 Hours
- Auto Power-off Time : 5 min/20 min/not APO.
- Authentication : CE (EN61323-1:2006)
- Operating Temperature : -5°C To 40°C
- Storage Temperature : -20°C To 50°C
- Relative humidity : 10% RH to 80% RH.
- Dimension Of Product (L\*W\*H)
- Weight :389g
- Accessories : Instruction Manual , USB Cable , Carrying Pouch.