

## DIGITAL COLOUR DISPLAY INFRARED THERMOMETER DT8811

**APPLICATION:** DT8811 is a professional infrared thermometer Color LCD Display providing fast, accurate

readings for the surface temperature measurement with laser points. Laser points converge to a single spot when the unit is at the optimal distance from the object being measured. It is mostly used at plant/ general maintenance, cooling and reheating, HVAC/R, Servicing area, Transportation/ automotive etc.

### FEATURES:

- Display: LCD Color Display with Back Light.
- Data Hold Function
- Low Battery Indication
- °C & °F Selectable
- Alarm for High & Low Temperature.
- "MAX", "MIN" Temperature.
- Reading Hold OR Auto Power Off: Reading will Hold for 30 Seconds after releasing Trigger & after 30 Seconds Meter will Auto Turn Off.
- Operating Temperature & Humidity: 0°C to 50°C, 10 ~ 95% RH
- Power supply: 1.5V x2 AAA Battery
- Display Size: 30 X 30 mm
- Unit Size: 138 X 102 X 45 mm
- Weight: 107 gm
- Accessories: Instruction Manual, 1.5V x2 AAA Battery, Carrying Pouch.



### SPECIFICATION:

BASIC FUNCTION	RANGE
Measuring Range	-50°C - 580°C (-58°F - 1076°F)
Accuracy	- (±3°C) -50°C To 0°C, (±5°F) -58 to 32 F
	0°C TO 580°C ± (1.5%+1°C), 32~1076 °F ± (1.5%+5) °F
Resolution	- 0.1°C (0.1°F)
Emissivity	- 0.01~1.00 adjustable (step 0.01)
Repeatability	±0.5%~±1°C (2°F)
Response Time	Less than 500ms 8 TO 14um
Distance Spot Ratio	- 12: 1
Laser aiming	Less than 1mW 650nm, Laser grade II