PROFESSIONAL INFRARED THERMOMETER WITH CIRCULAR LASER TARGETING
Model - IRL(D)-1000



CE
EMC
EN : 61326
EN : 60825-1



✳ **Display :** Triple White Backlit LCD Display indicates infrared temperature, dew-point temperature & humidity readings.

✳ FUNCTIONS :

- **Distance spot ratio :** 30:1
- **IR Temperature Range :** -50°C ~ 1000°C / -58°F ~ 1832F
- **Resolution :** 0.1 up to 1000, 1 over 1000
- **Accuracy :** ±3°C (5.4°F) at -50 to 20°C (-58 to 68°F)
  1% ±1°C (3.6°F) at 20 to 450°C (68 to 842°F)
  2% of reading at 450 to 1000°C (842 to 1832°F)
- **Emissivity :** Adjustable 0.10 ~ 1.0
- **Response Time :** approx. < 150ms
- **Wavelength :** 8 ~ 14μm.
- **Operating Temperature :** 0 to 50°C (32 ~ 122°F)
- **Humidity :** 0 ~ 100%RH
- **Humidity Accuracy :** ±2.5%RH (20% to 80%RH)
- **Air Temperature Range :** 0 to 100°C (32 to 212°F)
- **Dew Point Tempe. Range :** -20 to 60°C (-4 to 140°F)
- **Laser wave length :** 635 ~ 670nm

✳ ADDITIONAL FUNCTIONS :

- Circular Laser targeting
- Built-in Circular Laser Pointers focus target (calibrated distance)
- °C / °F Selection.
- Automatic Data Hold.
- Trigger lock
- Bluetooth 4.0 interface
- Memory Data with date / time stamp
- Low Battery Indication
- Auto Power Off.after 10 seconds.

✳ **Power supply :** 9V Battery.(6F22)
✳ **Dimension :** Approx. 165(H) x 45(W) x 85(D)mm
✳ **Weight :** Approx. 163gm.
✳ **Accessories :** User Manual, Battery & Carrying Case.

INFRARED VIDEO THERMOMETER
Model - IRLVD-1000 / 2200



CE
EMC
EN : 61326-1
EN : 610610-1

✳ **Display :** 2.2" 320*240 colour TFT LCD backlight display. Bulit in 640 x 480 camera.

✳ FUNCTIONS :

- **Distance spot ratio :** 50:1
- **IR Temperature Range : IRLVD-1000 :** -50°C ~ 1000°C (-58°F ~ 1832°F)
  IRLVD-2200 : -50°C ~ 2200°C (-58°F ~ 3992°F)
  - **Resolution :** 0.1°C (0.1°F) <1000; 1°C (0.1°F) >1000
  - **Accuracy :** ±1% ±1.0°C (1.8°F) 20 to 500°C (68 to 932°F)
    ±1.5% 500 to 1000°C (932 to 1832°F)
    ±2.0% 1000 to 2200°C (1832 to 3992°F)
    ±3.5°C(6.3°F) -50 to 20°C (-58 to 68°F)
  - **Emissivity :** Adjustable 0.10 ~ 1.00
  - **Repeatability:** ±1.5°C(2.7°F) -50 to 20°C (-58 to 68°F)
    ±0.5% or ±0.5°C (0.9°F) 20 to 1000°C (68 to 1832°F)
    ±1.0% 1000 to 2200°C (1832 to 3992°F)
  - **Response Time :** approx. 150ms
  - **Spectral Response :** 8 ~ 14μm.
- **Type-K Temperature Range :** -50°C ~ 1370°C (-58°F ~ 2498°F)
  - **Resolution :** 0.1°C (0.1°F) <1000; 1°C (0.1°F) >1000
  - **Accuracy :** ±0.5% ± 1.5°C (2.7°F) 0 to 1370°C (32 to 2498°F)
    ±2.5°C (4.5°F) -50 to 0°C (-58 to 32°F)
- **Air Temperature & Relative Humidity Measurement :**
  - **Air & Dew Point Temperature Range :** 0 to 50°C (32°F ~ 122°F)
  - **Relative Humidity Range :** 0 to 100%RH
  - **Air & Dewpoint Temperature Accuracy :**
    ±0.5°C (0.9°F)10 to 40°C; ±1.0°C (1.8°F) others
  - **Relative Humidity Accuracy :** ±3%RH 40% to 60%
    ±3.5%RH 0% to 40% & 60% to 80%
    ±5%RH 0% to 20% & 80% to 100%
  - **Humidity :** 10 to 90%RH non-condensing

✳ ADDITIONAL FUNCTIONS :

- Micro SD memory card
- Image (JPEG) & Video (AVI)
- Humidity & Air Temperature
- Dual laser targeting & Fast Response time
- Type-K thermocouple probe
- Adjustable Emissivity & High Accuracy
- Auto Power Off.

✳ **Power supply :** 3.7V Li Battery (Rechargable) (Battery charge 2hrs. with AC adapter or USB connection)
✳ **Dimension :** Approx. 205(H) x 62(W) x 155(L)mm
✳ **Weight :** Approx. 500gm.
✳ **Accessories :** User Manual, Battery & Carrying Case.