






# Intelligent Lighting Temperature Scanner

TNW01

- ➔ Intelligent white LED Light with “CON MODE” (Continuous Measurement) and “AUTO MODE” (Threshold Temperature)
- ➔ 3-Color Backlight (Blue / Yellow / Red) for rapid checking the target temperature
- ➔ Non-contact Infrared Temperature Measurement in DS ratio (Distance:Spot) 5:1
- ➔ Wireless communication via Bluetooth

Note: The device is a temperature scanner, not a medical device.

LED Light	Target Temperature	LCD Display
	3-Color Backlight  $<37.5^{\circ}\text{C}$ ( $99.5^{\circ}\text{F}$ )  $\geq 37.5^{\circ}\text{C}$ ( $99.5^{\circ}\text{F}$ ) and $<38^{\circ}\text{C}$ ( $100.4^{\circ}\text{F}$ )  $\geq 38.0^{\circ}\text{C}$ ( $100.4^{\circ}\text{F}$ )	 Real Time Clock & Instant Temperature

Measurement Range:  $-20\sim 100^{\circ}\text{C}$  ( $-4\sim 212^{\circ}\text{F}$ )  
 Accuracy:  $\pm 1^{\circ}\text{C}$  ( $\pm 1.8^{\circ}\text{F}$ )  
 Distance:Spot: 5:1  
 Emissivity Range: 0.95 default – adjustable 0.1 to 1 step .01  
 Resolution:  $0.1^{\circ}\text{C}/0.1^{\circ}\text{F}$ , otherwise  $1^{\circ}\text{C}/1^{\circ}\text{F}$

Specifications are subject to change without notice



In the CON MODE Status



Entrance of Public Places



Household



Laboratory



Cold Chain Logistics



Food Safety