

TN1 SERIES

Specifications

Description	IRT	
Measurement Range	(Please see the pictures)	
Operating Range	-10~50°C (14~122°F)	
Accuracy (Tobj=15-35°C, Tamb=25°C)	+/-0.6°C	
Full Range Accuracy	+/-2% of reading or 2°C (whichever is greater)	
Resolution (-9.9~199.9°C)	0.1°C/0.1°F	
Distance:Spot	1:1	
Emissivity Range	0.05~1.00	0.95 Fixed (TN110RB only)
Wave Length	5µm~14µm	
Power Supply	CR2032X1	

Specifications are subject to change without notice.

Model TN102B
70.5x47.5x18.7mm³
2.8 x 1.9 x 0.7 inch³
32g/ 1.1oz



Range -55 to 220°C (-67 to 428°F)
Real Time Max, Bar Display,
Ambient Display, StopWatch, LED Lamp.

Model TN159
93.5x35.6x24.6mm³
3.7 x 1.4 x 1.0 inch³
34.8g/ 1.2oz



Range -55 to 220°C (-67 to 428°F)
Max, Min, Lock

Model TN103
75.4x48.5x24.5mm³
3.0 x 1.9 x 1.0 inch³
42.3g/ 1.5oz



Range -55 to 220°C (-67 to 428°F)
Max, Min, Lock

Model TN104
75.4x48.5x24.5mm³
3.0 x 1.9 x 1.0 inch³
42.3g/ 1.5oz



Range -55 to 220°C (-67 to 428°F)
Max, Min, Lock

Model TN105C

18.0x36.6x67.8mm³
0.7 x 1.4 x 2.7 inch³
32g/ 1.1oz



Range -55 to 220°C (-67 to 428°F)
Max, Min, Lock, Foldable stand,
Clock, Ambient Display.

Model TN153

76.8x39.1x19.30mm³
3.0 x 1.5 x 0.75 inch³
30.5g/ 1.1oz



Range -55 to 220°C (-67 to 428°F)
Max, Min, Lock

Model TN15A

21.96x39.43x115mm³
0.9 x 1.6 x 4.5 inch³
40.4g/ 1.4oz



Range -55 to 220°C (-67 to 428°F)
Max, Min, Lock

Model TN105i2

18.0x36.6x67.8mm³
0.7 x 1.4 x 2.7 inch³
32g/ 1.1oz



Range -33 to 220°C (-27 to 428°F)
Max, Min, Lock, Foldable stand.

Model TN110RB

17x47x71mm³
0.7 x 1.9 x 2.8 inch³
33g/ 1.2oz



Range -33 to 220°C (-27 to 428°F)
Clock



Applications (Example)



AUTO
Laboratory

HACCP
HVAC

Power
Industry