



## DT-8867H/8868/8868H/8869/8869H

8867H/8868/8868H/8869/8869H Series provide much faster, easier and accurate readings for most surface temperature measurements with Dual laser pointers. Two laser points converge to a single spot when the unit is at the optimal distance from the object being measured.

- 150ms faster sampling time with 1% accuracy
- High 50 to 1 distance to target ratio measures smaller surface areas at greater distances
- Widest temperature range
- Unique flat surface, modern housing design
- Built-in dual laser pointers for accurate targeting
- Automatic Data Hold & Trigger Lock
- Max, Min, DIF, AVG recor
- High and low temp. Alarm
- Emissivity Digitally adjustable from 0.10 to 1.0
- USB interface
- Compatible with all standard connector Type K thermocouples



<b>Features</b>
User selectable °C or °F
Dual Laser targeting
Automatic Data Hold
Auto Power Off
White Backlit LCD Display
Overrange indication
High Temperature
Max, Min, DIF, AVG record
High / low alarm, Trigger lock
Adjustable emissivity
Reading memory (8868/8869/8868H/8869H)
Type K input
USB interface

**Size (H x W x D):** 204mm x 155mm x 52mm

**Weight:** 320g

<b>Specifications</b>	<b>DT-8867H</b>	<b>DT-8868</b>	<b>DT-8869</b>	<b>DT-8868H</b>	<b>DT-8869H</b>
IR Temp. Range	-50°C to 1650°C/ -58°F to 3002°F	-50°C to 1200°C/ -58°F to 2192°F	-50°C to 1600°C/ -58°F to 2912°F	-50°C to 1850°C/ -58°F to 3362°F	-50°C to 2200°C/ -58°F to 3992°F
Response Time	Less than 150ms	Less than 150ms	Less than 150ms	Less than 150ms	Less than 150ms
Resolution	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°
Basic Accuracy (IR)	±1.0% of reading	±1.0% of reading	±1.0% of reading	±1.0% of reading	±1.0% of reading
Optical Resolution	30:1 Distance to Spot size	50:1 Distance to Spot size	50:1 Distance to Spot size	50:1 Distance to Spot size	50:1 Distance to Spot size
Emissivity	Adjustable 0.10~1.0	Adjustable 0.10~1.0	Adjustable 0.10~1.0	Adjustable 0.10~1.0	Adjustable 0.10~1.0
Type K Temp. Range	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F
Basic Accuracy (TK)	±1.5% of reading	±1.5% of reading	±1.5% of reading	±1.5% of reading	±1.5% of reading
Readings memories		99	99	99	99

#### Applications

Applications

-Plant/General Maintenance

-HVAC/R

-Transportation/Automotive

-Cooling and Reheating

-Serving areas

-Food service Equipment

Accessories: 9V battery, USB Cable, Tripod, Software, Type-K temperature probe, Carrying case and Gift box