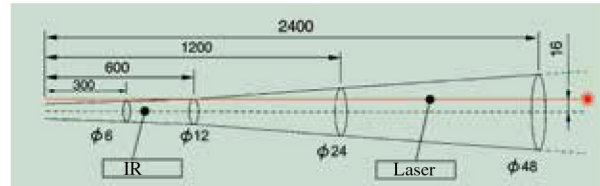




8838/8839/8858/8859/8859H Series provide fast, easy and accurate readings for most surface temperature measurements.

- 150ms faster sampling time with 1% accuracy (8859H)
- High 50 to 1 distance to target ratio measures smaller surface areas at greater distances
- Widest temperature range from -50.0 to 1600°C/-58.0 to 2912°F (8859/8859H)
- Unique flat surface, modern housing design
- Built-in laser pointer
- Automatic Data Hold
- Max, Min, DIF, AVG record
- High and low alarm
- Adjustable emissivity

**Distance (D) to Spot size(S)**  
D:S=50:1



(Unit: mm)

Model 8839



50 : 1 distance to spot size

High Temperature  
1600°C (2912°F)



Model 8858

**Features**

	8838	8839	8858	8859	8859H
Optical Resolution (D:S)	30:1	50:1	50:1	50:1	50:1
High Temperature	1000°C/ 1832°F	1000°C/ 1832°F	1300°C/ 2372°F	1600°C/ 2912°F	1600°C/ 2912°F
User selectable °C or °F	*	*	*	*	*
Laser targeting	*	*	*	*	*
Automatic Data Hold	*	*	*	*	*
Auto Power Off	*	*	*	*	*
White Backlit LCD Display	*	*	*	*	*
Overrange indication	*	*	*	*	*
Max, Min, DIF, AVG record	*	*	*	*	*
High / low alarm, Trigger lock	*	*	*	*	*
Adjustable emissivity	*	*	*	*	*
150ms faster sampling time with 1% accuracy					*

**Specifications**

	8838	8839	8858	8859	8859H
Range	-50°C to 1000°C/ -58°F to 1832°F	-50°C to 1000°C/ -58°F to 1832°F	-50°C to 1300°C/ -58°F to 2372°F	-50°C to 1600°C/ -58°F to 2912°F	-50°C to 1600°C/ -58°F to 2912°F
Response Time	Less than 1 second	Less than 1 second	Less than 1 second	Less than 1 second	Less than 150 mS
Optical Resolution (D:S)	30:1	50:1	50:1	50:1	50:1
Resolution	0.1° up to 2000°, 1° over 2000°				
Basic Accuracy	±1.5% of reading or ±2°C/±4°F				
Emissivity	Adjustable 0.10~1.0				

Model 8859



**Size(HxWxD):** 220mm x 120mm x 56mm  
**Weight:** 290g

**Accessories:**  
9V battery, Carrying case and Gift box.