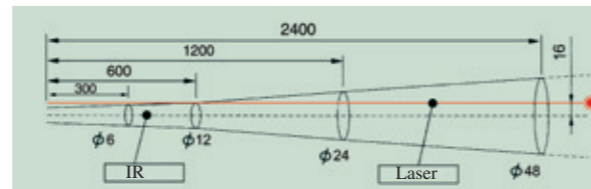




8838/8839/8858/8859/8859H Series provide fast, easy and accurate readings for most surface temperature measurements.

- 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



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				*	*

50 : 1 distance to spot size

High Temperature  
1600°C (2912°F)

Model 8839

Model 8858

Model 8859

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				



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

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



16 : 1 distance to spot size

High Temperature 1000°C (1832°F)



EMC  
EN: 61326  
EN: 60825-1

- High 16 to 1 distance to target ratio measures smaller surface areas at greater distances (8818H/8819H/8826H/8828H)
- Widest temperature range from -50.0 to 1000°C /-58.0 to 1832°F (8828/8829)
- Unique flat surface, modern housing design
- Built-in laser pointer
- Automatic Data Hold
- Max, Min, DIF, AVG record
- High and low alarm
- Adjustable emissivity
- 8818H/8819H/8826H/8828H Optical Resolution is 16:1 Distance to Spot size
- 8829 Optical Resolution is 50:1 Distance to Spot size

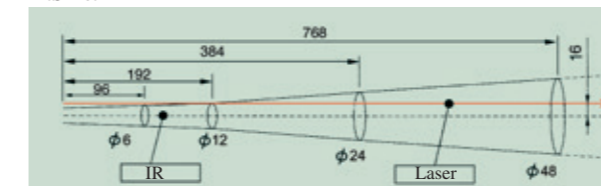
Features	8818H/ 8818	8819H/ 8819	8826H/8828H /8828	8829
User selectable °C or °F	*	*	*	*
Laser targeting	*	*	*	*
Automatic Data Hold	*	*	*	*
Auto Power Off	*	*	*	*
Backlit LCD Display	*	*	*	*
Overrange indication	*	*	*	*
High Temperature			*	*
Max, Min, DIF, AVG record	*/-	*/-	*/*/-	*
High and low alarm	*/-	*/-	*/*/-	*
Adjustable emissivity	*/*0.95	*/*0.95	*/*0.95	0.95
Trigger lock	*/-	*/-	*/*/-	*

Specifications	8818H/8818	8819H/8819	8826H	8828H/8828	8829
Range	-50°C to 550°C (-58°F to 1022°F)	-50°C to 750°C (-58°F to 1382°F)	-50°C to 900°C (-58°F to 1652°F)	-50°C to 1000°C (-58°F to 1832°F)	-50°C to 1000°C (-58°F to 1832°F)
Distance to Spot size	16:1 Distance to Spot size				50:1 Distance to Spot size
Emissivity	Adjustable 0.1~1.0 (8818H, 8819H, 8826H, 8828H)				Fixed at 0.95
Response Time	Less than 1 second				
Resolution	0.1° C/°F (8818H, 8819H, 8826H, 8828H); 0.1° up 200°, 1° over 200° (8818, 8819, 8828, 8829)				
Basic Accuracy	± 1.5% of reading or ± 2°C/± 4°F				

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

Accessories:  
9V battery, Carrying case and Gift box

Distance (D) to Spot size(S)  
D:S=16:1



Model 8826H

Model 8828H

Model 8829