



## DT-8818H/8819H/8828H/ 8818/8819/8828/8829

### Performance High Temperature InfraRed Thermometers

- 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
- DT-8818H/8819H/8826H/8828H Optical Resolution is 16:1 Distance to Spot size
- DT-8829 Optical Resolution is 50:1 Distance to Spot size




Features	DT-8818H/8818	DT-8819H/8819	DT-8828H/8828	DT-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	*/-	*/-	*/-	*


**Size (H x W x D):** 220mm x 120mm x 56mm

**Weight:** 290g

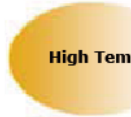
Specifications	DT-8818H/8818	DT-8819H/8819 9	DT-8828H/8828	DT-8829
Range	-50°C to 550°C -58°F to 1022°F	-50°C to 750°C -58°F to 1382°F	-50°C to 1000°C -58°F to 1832°F	-50°C to 1000°C -58°F to 1832°F
Distance to Spot size	16:1 (8818H, 8819H, 8828H); 12:1 (8818, 8819, 8828)			50:1 Distance to Spot size
Emissivity	Adjustable 0.1~1.0 (8818H, 8819H, 8828H)			Fixed at 0.95
Response Time	Less than 1 second			
Resolution	0.1° C/°F (8818H, 8819H, 8828H); 0.1° up 200°, 1° over 200° (8818, 8819, 8828, 8829)			
Basic Accuracy	± 1.5% of reading or ± 2°C/± 4°F			

#### Applications



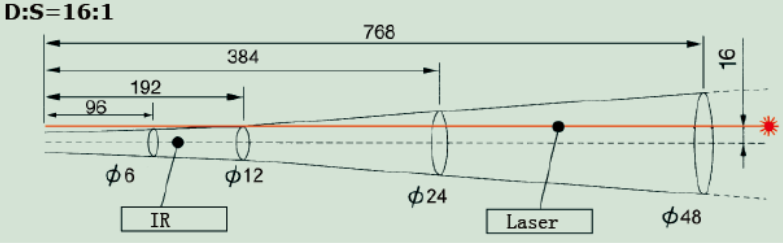


**16 : 1 distance to spot size**



**High Temperature 1000°C (1832°F)**

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



**(Unit: mm)**

**Accessories:** 9V battery, Carrying case