

IR-829/830/831 Infrared Thermometers with Star Burst Laser Targeting

30: 1 Industrial Infrared Thermometer

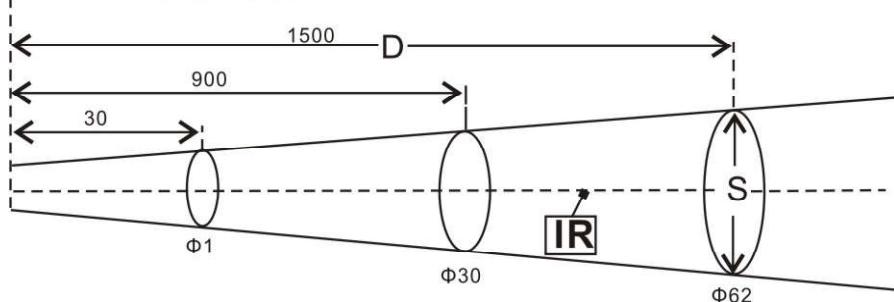
FEATURES

- ▶ Fast and easy measurement
- ▶ Precise non-contact measurement
- ▶ The built-in laser pointer increases the target accuracy
- ▶ Max/Min Record
- ▶ Backlight LCD display
- ▶ Emissivity adjustable from 0.1~1.0
- ▶ Automatic measurement range selection with resolution 0.1°C/°F
- ▶ Automatic trigger off
- ▶ Auto power off



Distance(D) to Spot Size(S)

$$D:S=30:1$$



Specifications

Model	IR-829	IR-830	IR-831
Temp. range	-30°C~950°C/-22°F~1742°F	-30°C~1150°C/-22°F~2120°F	-30°C~1350°C/-22°F~2462°F
Accuracy	-30°C~0°C/-4°F~32°F: ±3°C/5.4°F Above 0°C/32°F: ±1.5% or reading ±2°C/3.6°F		
Optical Resolution	D:S=30:1		
Emissivity	adjustable from 0.1~1.0		
Resolution	0.1°C (0.1°F)		
Response time	<500ms		
Spectral Response	8~14um		
Polarity Display	Auto display, "-" indicates negative, while positive with no sign. Auto display, "-" indicates negative, while positive with no sign.		
Diode Laser	Output<1mW~630~670nm,class 2(II)		
Auto Power Off	Auto shuts off after 20 seconds inactivity		
Operating Temp	0°C to 50°C / 32°F to 122°F		
Storage Temp	-20°C to 60°C / -4°F to 140°F		
Relative Humidity	Operating:10~95%RH,Storage:<80%RH		
Power Supply	9V battery		
Weight	176g		
Dimensions(L*W*H)	155.5×98.8×27.5mm		

