

## Specification of Product

Model no.: SL111

Date: 29 Sep 2016

Version: 0.1 (Preliminary)

1	<b>Power supply:</b>	1 × 1.5V AA Alkaline battery
2	<b>Panel:</b>	3.5V, 1/4 Duty, 1/3 Bias, TN Positive mode (VA=30mm×33mm)
3	<b>Backlight:</b>	White LED
4	<b>Operation Temperature:</b>	0°C to 50 °C
5	<b>Storage Temperature:</b>	-10°C to 60 °C
6	<b>Buttons</b>	4 Buttons: Max/Min, Laser/Backlight, C/F, Measure



### TEMPERATURE SPECIFICATION:

Parameter	Min	Typical	Max	Unit	Notes
<b>IR Thermopile</b>					
Temperature Range	-40°C		550°C		-40 to 1022°F
Accuracy at ambient temperature: 23°C ± 2°C (74°F ± 4°F)	± 2°C (± 4°F) or ± 2% which is greater				-18°C (0°F) to 100°C (212°F) other temperature range
Spectral Response	8 ~ 14μm				
Response time	0.1 sec				
Field Of View	12:1 DS ratio				
Optical Lens	Fresnel Lens				
Adjustable Emissivity	0.10 ~ 1.00				
<b>Laser</b>					
Laser Safety Classification	Class II				
Wavelength	630 ~ 670nm				
Output power	< 1mW (Class II)				

### ELECTRICAL (To be determine):

PARAMETER	Symbol	Min.	Typ.	Max.	Unit	Remarks
Standby Current				5	μA	
Operating Current (LCD On)			20	25	mA	
Low Battery Voltage (low bat icon appear)			1.2		V	
Auto Shut Off			30		Sec	