

<http://www.irtek-temp.com/>

IRtek International

IR55c

Measurement range	-60 ~ 550 $\hat{\text{A}}^{\circ}\text{C}$ (-76 ~ 1022 $\hat{\text{A}}^{\circ}\text{F}$)
Operating temperature	0 ~ 50 $\hat{\text{A}}^{\circ}\text{C}$ (32 ~ 122 $\hat{\text{A}}^{\circ}\text{F}$)
Accuracy	Tobj=15 ~ 35 $\hat{\text{A}}^{\circ}\text{C}$, Tamb=25 $\hat{\text{A}}^{\circ}\text{C}$: $\hat{\text{A}} \hat{\text{A}}\pm 1.5\hat{\text{A}}^{\circ}\text{C}$ (2.7 $\hat{\text{A}}^{\circ}\text{F}$) Tobj=0 ~ 550 $\hat{\text{A}}^{\circ}\text{C}$, Tamb=23 $\hat{\text{A}}\pm 3\hat{\text{A}}^{\circ}\text{C}$: $\hat{\text{A}} \hat{\text{A}}\pm 2\%$ of reading or 2 $\hat{\text{A}}^{\circ}\text{C}$ /4 $\hat{\text{A}}^{\circ}\text{F}$ whichever is greater
Emissivity	0.05 fixed ~ 0 $\hat{\text{A}}^{\circ}\text{C}$, Tamb=23 $\hat{\text{A}}\pm 3\hat{\text{A}}^{\circ}\text{C}$: $\hat{\text{A}} \hat{\text{A}}\pm (2\hat{\text{A}}^{\circ}\text{C}+0.05/\hat{\text{A}}^{\circ}\text{C})$
Resolution	0.1 $\hat{\text{A}}^{\circ}\text{C}$ /0.1 $\hat{\text{A}}^{\circ}\text{F}$ at -76 ~ 999.9 ($\hat{\text{A}}^{\circ}\text{C}/\hat{\text{A}}^{\circ}\text{F}$), otherwise 1 $\hat{\text{A}}^{\circ}\text{C}$ /1 $\hat{\text{A}}^{\circ}\text{F}$
Response time	1 sec
Distance to spot ratio	12:1
Auto power off	15 seconds
Laser	Class IIIa
Battery	2 x 1.5V (AAA battery)
Size	155.51 x 40.00 x 113.03mm
Weight	173g (including batteries)
Standard accessories	batteries, instruction manual, soft pouch, strap warranty card, certificate of product conformance

[Vendor Information](#)