

K1000 ELITE BY ISG



[CLICK HERE TO VIEW THE WEBSITE](#)

[K1000 ELITE SPECIFICATIONS & OPTIONS CLICK HERE](#)

Electronics

Sensor Type	Vanadium Oxide Microbolometer
Resolution	320X240
Spectral Response	8-14 microns
NETD	50 mK nominal
Dynamic Range	Over 2000°F in Thousand Plus Mode
Mode Switch Time	0.08 seconds
Noise Reduction	Megapicture System
Update Rate	4,608,000 scene elements per second
External Video	NTSC
Optics Material	Germanium
Field of View	59°
Optics F Stop	F:/0.8
Nominal Start-up	Under 5 seconds

Temperature Measurement

Measurement	FPA Center Pixel Area
Measurement Range	Up to 2100°F
Resolution	+/- 1°F
Repeatability	+/- 1°F
Emissivity	.95 Preset

Colorization

Availability	Standard on all K1000 ELITE cameras
Type	Yellow, red, temperature dependent see-through color.

Physical

Weight	Under 3 pounds
Housing	Radel-R High Heat Thermoplastic
Rubber Parts	Neoprene
Display Cover	Polycarbonate
Waterproofing	IP67 - immersion up to 3 feet
Drop Test	6 Feet

Battery

Operating Time	3 Hours
Low Battery Warning	Displayed on-screen
Recharge Time	2.5 Hours

Warranty

Base Warranty	One Year
Extended Warranty	Up to 2 additional years