



Detector

Type	InSb (SBF 191 digital FPA)
Spectral Range	<1 μm – 5.4 μm
Resolution	640 x 512 (w/windowing)
Pixel Pitch	20 μm

Electronics and Data Rate

Integration Type	Snapshot
Integration Time	<0.1 ms to 99% of frame rate
Dynamic Range	14
Max Frame Rate Full Window	60 Hz
SubWindowing	Available upon request

Performance Specifications

NE Δ T	<24 mK
Well Capacity	7 million electrons
Operability	>99.5%

Camera Specifications

Sensor f/#	f/4 (or custom)
Standard Spectral Range	3 μm - 5 μm (CO ₂ notch available)
Sensor Cooling	Stirling closed cycle cooler
Lens Mount	Bayonet (custom as needed)
Power	10 watts steady state (20 °C ambient)

Communication and Data Transfer

Command, Control, Data Output	CameraLink
Software	Nova IR and SDK available

Physical Characteristics

Size	5" x 3" x 3.5" (no lens)
Weight	1.175 lbs
Environmental	Ruggedized to MIL-STD-810G

Optics

f/2.3: BWD = 33.1 mm
f/4: BWD = 52.0 mm

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