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

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

Performance Specifications
NEΔT
Well Capacity
Operability
<24 mK
7 million electrons
>99.5%

Camera Specifications
Sensor f/#
Standard Spectral Range
Sensor Cooling
Lens Mount
Power
f/4 (or custom)
3 µm - 5 µm (CO2 notch available)
Stirling closed cycle cooler
Bayonet (custom as needed)
10 watts steady state
(20 °C ambient)

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

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

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