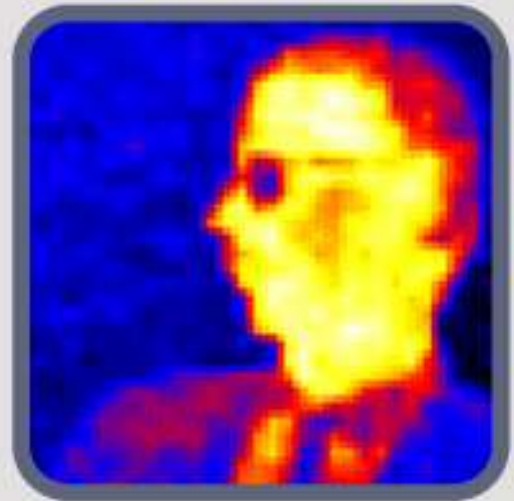
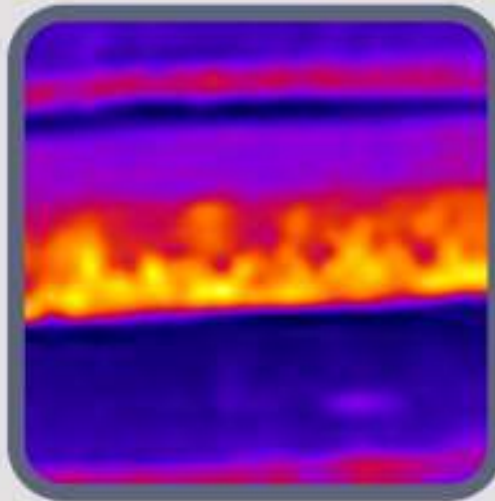
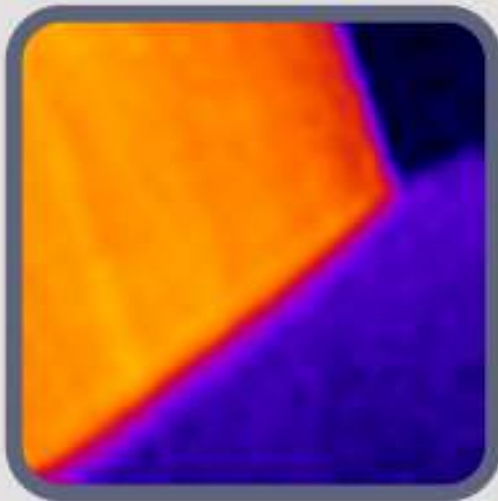




RightSize

256/1K

NCII has developed a line of low cost / modest resolution thermal imaging cameras based on thermopile technology. Our cameras are compact, yet robust and suitable for almost any environment. We currently offer units with 256 (16x16) pixels - the RightSize 256 and a unit with 992 (32x31) pixels - the RightSize 1K. Our cameras come complete with our software and communicate via Ethernet.



Key Features:

- Robust and accurate thermopile technology
- Processing speeds of 15 Hz and higher
- Stainless steel case for durability
- Compact size
- Tripod (1/4"-20) mount for easy mounting
- EZ-Mount
- Germanium lenses:
 - Single and dual lens systems
- Low cost
- Optional Power-over-Ethernet
- Optional quick release mounting





RightSize

256/1K



	RightSize 256	RightSize 1K
Technical		
Detector	16x16 thermopile array	32x31 thermopile array
Material	n-poly/p-poly Si	n-poly/p-poly Si
Sensitive Elements	256	992
Pitch	220 μm	220 μm
Absorber Size	160 μm^2	160 μm^2
Thermal time constant	<4 ms	<4 ms
Standard Frame Rate	18 Hz	10 Hz
Spectral Range	8 to 14 μm	8 to 14 μm
NETD (Thermal Sensitivity)	200 mK @ 25°C	200 mK @ 25°C
Measurement Range	-20° to 250°C	-20° to 250°C
Operating Range	0° to 50°C	0° to 50°C
Supply Voltage	5 V	5 V
Focus	Fixed Focus	Fixed Focus
Physical Dimensions	L-1.732" W-1.910" H-2.600"	L-1.732" W-1.910" H-2.600"
Weight	0.83lb	0.83lb
Network Options		
Connection	RJ-45 10/100/Gig-E	RJ-45 10/100/Gig-E
Power-Over-Ethernet	BASE-T Ethernet IEEE 802.3af Compliant	BASE-T Ethernet IEEE 802.3af Compliant
Options		
Power-Over-Ethernet	Yes	Yes
Single Element Ge Lens	28°, 48°, 61° Field of View	26°, 53° Field of View
Dual Element Ge Lens	No	38° Field of View

The RightSize cameras come with a full-feature software application for collecting and analyzing your thermal data. Our software enables the user to collect and interpret a series (stack) of images and allows selection of regions of interest for in-depth study. The software offers complete control over the camera through the Ethernet connection. We can also develop custom software tools to meet your specialized application requirements.

