

FLIR VUE™ Pro

Specifications

Overview	
Thermal Imager	Uncooled VOx Microbolometer
Resolution	640x512 336x256
Lens Options	9 mm; 69° x 56° 6.8 mm; 45° x 35° 13 mm; 45° x 37° 9 mm; 35° x 27° 19 mm; 32° x 26° 13 mm; 25° x 19°
Spectral Band	7.5 - 13.5 µm
Full Frame Rates	30 Hz (NTSC); 25 Hz (PAL)
Exportable Frame Rates	7.5 Hz (NTSC); 8.3 Hz (PAL)
Physical Attributes	
Size	2.26" x 1.75" (including lens)
Weight	3.25 - 4 oz (Configuration Dependant)
Precision Mounting Holes	Two M2x0.4 on each of two sides & bottom One 1/4-20 threaded hole on top
Image Processing & Display Controls	
Image Optimization for sUAS	Yes
Digital Detail Enhancement	Yes - Adjustable in GUI
Invertable Image?	Yes - Selectable in GUI
Polarity Control (black hot/white hot) & Color Palettes	Yes - Selectable in GUI
Interfacing	
Input Supply Voltage	4.0 - 6.0 VDC
Power Dissipation, steady state (max. 2.5W during shutter event of approximately 0.5 seconds)	<1.2 W ~1.0 W
Environmental	
Operating Temperature Range	-20°C to +50°C
Non-Operating Temperature Range	-55°C to +95°C
Operational Altitude	+40,000 feet

