

## FC-Series

Thermal Camera Specs	
Array Format (NTSC)	320 x 240
Detector Type	Long-Life, Uncooled VOx Microbolometer, w/10-Year Warranty
Effective Resolution	76,800
Pixel Pitch	25 µm
Focal Length	9 mm, 13 mm, or 19 mm
Field of View	48° x 37° (FC-348t; 9 mm) 34° x 26° (FC-334t; 13 mm) 24° x 18° (FC-324t; 19 mm)
Spectral Range	7.5 to 13.5 µm
Focus Range	Athermalized; focus-free
Outputs	
Dual Connectivity	BNC and Connector-Free Video Cable Terminal Strip
Composite Video	NTSC or PAL
External Analytics Compatible?	Yes
General	
Weight	4.2 lb. (w/sun shield)
Dimensions (L,W,H)	10.8" x 5.4" x 4.4" (w/sun shield)
Input Voltage	90-240 VAC single phase 50-60 Hz
Power Consumption	1.7 W nominal at 110 VAC 18 W peak w/heaters
Mounting Provisions	Two ¼-20 threaded holes, 1" spacing along centerline front to back
Environmental	
IP rating	IP66
Operating temperature range	-50°C to 75°C (continuous operation) -40°C to 75°C (cold start)
Storage Temperature range	-55°C to 85°C
Humidity	0-95% relative
Shock	MIL-STD-810F "Transportation"
Vibration	10g shock pulse with a 11ms half-sine profile
NEMA TS 2	Environmental testing for FC-Series(t) was conducted IAW w/Section 2.1 of NEMA TS 2-2003 and either meets or exceeds those requirements for the following categories: Operating Voltage, Operating Frequency, Ambient Temperature, Humidity, Vibration, and Shock.
Approvals	FCC Part15, Subpart B, Class B EN 55022 Class B EN 50130-4 EN 60950
Warranty	10 Year Detector; 2 Year Parts and Labor



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