



For more information on FLIR® infrared cameras, see page 606.



## T Series High-Performance Infrared Cameras with MSX

Auto and manual focus  
Articulating thermal imagers have quick-capture mode and intuitive, easy-to-use touchscreen controls. Rigorous inspection requirements are aided by high-performance features: voice, text, and drawn comments annotate images. FOV Match automatically adjusts the digital camera field of view to the IR image field. Compass adds the camera-pointing direction to every image.

**Professional reporting software** manages large amounts of images and data before generating reports. The imagers can stream video via Wi-Fi direct to an Apple or Android mobile device for field analysis, reporting, and collaboration via PDF or email.

**Each includes** 25° lens, lens cap, 2-bay charger, FLIR Tools analysis software, video and USB cables, SD memory card, Bluetooth headset (T1K Series),

hand strap, neck strap, hard carrying case, power supply, and 2 rechargeable batteries.

**Building Diagnostic/Restoration** models have built-in RH/dew point alarm that displays areas with risk of surface condensation where mold could occur, and an insulation alarm to identify areas that don't fulfill insulation requirements.

**Industrial/Predictive Maintenance** models provide wide temperature ranges that meet the needs of thermographers conducting electrical and mechanical inspections.

**T500 Series**—Lightweight cameras feature maximum flexibility and efficiency for both building and industrial applications.

- IR detector resolution: up to 161,472 pixels (464 x 348)
- UltraMax super resolution using FLIR Tools software

- 5 MP digital camera with built-in LED light
- 4" touchscreen color LCD
- Built-in microphone and speaker
- Laser distance meter with area measurement
- Meterlink enabled

**T1000 Series**—Provide the highest resolution to measure small targets from long distances. Interchangeable and articulating lenses. Flexible ergonomics allow the lens to be pointed to the target and the display or viewfinder tilted to your eye.

- 1% accuracy within limited temperature range
- IR detector resolution: 786,432 pixels (1024 x 768)
- UltraMax resolution: 3,145,728 pixels (2048 x 1536)
- FLIR's Precision Point True HD lenses with ultrasonic motor
- FLIR's Precision Point HD optics together with 1K resolution provide unmatched temperature accuracy of small targets from a distance
- 4.3" touchscreen color LCD

Temp. Range (F)	Thermal Sensitivity		Field of View	Focus Distance	Multiple Lens Option	STANDARD		NIST	
	Detector Resolution	Detector Resolution				Mr. Model	Item No.	Mr. Model	Item No.
<b>FLIR T500 Series</b>									
-4° to 1202°	30 mK	464 x 348 Pixels	42.0° Horizontal x 32.0° Vertical	Minimum of 0.15 m	Yes	FLIR T540-42	<b>485C93</b>	—	—
	40 mK	320 x 240 Pixels	24.0° Horizontal x 18.0° Vertical	Minimum of 0.50 m	Yes	—	—	FLIR T530-NIST	<b>423N26</b>
	50 mK	464 x 348 Pixels	11.5° Horizontal x 8.7° Vertical	Minimum of 1.00 m	Yes	FLIR T540-14	<b>485C92</b>	—	—
-4° to 2732°	30 mK	320 x 240 Pixels	42.0° Horizontal x 32.0° Vertical	Minimum of 0.15 m	Yes	FLIR T530-42	<b>485C91</b>	—	—
	40 mK	464 x 348 Pixels	24.0° Horizontal x 18.0° Vertical	Minimum of 0.15 m	Yes	FLIR T540-24	<b>423N27</b>	FLIR T540-NIST	<b>423N28</b>
	40 mK	320 x 240 Pixels	24.0° Horizontal x 18.0° Vertical	Minimum of 0.50 m	Yes	FLIR T530-24	<b>423N25</b>	—	—
	40 mK	640 x 480 Pixels	24.0° Horizontal x 18.0° Vertical	Minimum of 0.15 m	Yes	FLIR T560-24	<b>56HR70</b>	—	—
	50 mK	320 x 240 Pixels	11.5° Horizontal x 8.7° Vertical	Minimum of 1.00 m	Yes	FLIR T530-14	<b>485C90</b>	—	—
<b>FLIR T1000 Series</b>									
-40° to 1202°	25 mK	1024 x 768 Pixels	28.0° Horizontal x 21.0° Vertical	Minimum of 0.40 m	Yes	FLIR T1010-28	<b>460X54</b>	—	—
-40° to 3632°	20 mK	1024 x 768 Pixels	28.0° Horizontal x 21.0° Vertical	Minimum of 0.40 m	Yes	FLIR T1020-28	<b>40ZJ89</b>	FLIR T1020-NIST	<b>40ZJ90</b>

## T840 Infrared Cameras with Viewfinder

- Detector resolution: 640 x 480 pixels
- Field of view: 12.5° horizontal x 12.5° vertical
- Auto and manual focus
- Include (2) batteries, (3) USB cables, power supplies, SD card, hard case and lanyard

Designed to help electric utility and other thermography professionals survey equipment both indoors or

outdoors and seek out signs of failure. An integrated eyepiece viewfinder and a bright 4-inch color LCD display make it easy to conduct inspections outside in bright, challenging light conditions. 180° rotating lens platform and ergonomic design helps diagnose failing components in hard-to-reach areas.

54ZY92



Temp. Range (F)	Thermal Sensitivity	Includes	Focus Distance	NIST Certified	Mr. Model	Item No.
-10° to 1000°	30 mK	14° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 1.00 m	No	FLIR T840-14	<b>54ZY92</b>
-10° to 1000°	30 mK	Battery Charger, Front Lens Cap, 24° Lens, 24° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 0.50 m	No	FLIR T840-24	<b>54ZY93</b>
-10° to 1000°	30 mK	Battery Charger, (1) Front Lens Cap, Tools	Minimum of 0.50 m	Yes	FLIR T840-24-NIST	<b>54ZY94</b>
-10° to 1000°	30 mK	42° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 0.15 m	No	FLIR T840-42	<b>54ZY95</b>
-10° to 1000°	30 mK	Battery Charger, Front Lens Cap, 14°/24° Lens, 14°/24° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 0.50 m	No	FLIR T840-24-14	<b>54ZY96</b>
-10° to 1000°	30 mK	24°/42° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 0.50 m	No	FLIR T840-24-42	<b>54ZY97</b>
-10° to 1000°	30 mK	14°/24°/42° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 0.50 m	No	FLIR T840-24-14-42	<b>54ZY98</b>
-10° to 1000°	30 mK	14°/42° Lens, Battery Charger, (1) Front Lens Cap	Minimum of 0.15 m	No	FLIR T840-42-14	<b>54ZY99</b>