WARMTEBEELDCAMERA.NL
DE WARMTEBEELDCAMERASPECIALIST VAN DE BENELUX

Specifications

Overview	C3
IR Sensor	80 x 60
Thermal Sensitivity/NETD	< 0.10°C
Field of View (FOV)	41°x 31°
Minimum Focus Distance	Thermal: 0.15 m (0.49 ft) MSX®: 1 m (3.3 ft)
Image Frequency	9 Hz
Focus	Focus free
Spectral Range	7.5 - 14.0 µm
Digital Camera	640 x 480 pixel
Digital Camera Focus	Fixed focus
Image Presentation	
Image Modes	Thermal, visual, MSX®, Picture-in-Picture
Image Gallery	Yes
MSX®	Adds visual details to full resolution thermal image
Color Palettes	Iron, Rainbow, Rainbow HC, Gray
Auto Orientation	Yes
Touch Screen	Yes, capacitive
Measurement & Analysis	
Object Temperature Range	-10°C to 150°C (14°F to 302°F)
Accuracy	±2°C (±3.6°F) or ±2%, whichever is greater, at 25°C (77°F) nominal
Spotmeter	On/Off
Area	Box with max. or min.
Emissivity Correction	Yes; matte/semi-matte/semi-glossy + custom value
Measurement Correction	Emissivity, Reflected apparent temperature
Image Storage and Streaming	
Storage Media	Internal memory, at least 500 sets of images
Image File Format	Standard JPEG with 14-bit measurement data included
Non-Radiometric IR Video Streaming	Yes
Visual Video Streaming	Yes
Communication and Connectivity	
Communication Interfaces	Wi-Fi, USB
Wi-Fi	Peer-to-peer (ad hoc) or infrastructure (network)
USB 2.0	USB Micro-B connector type: data transfer to and from PC
Additional Information	
Battery Type	Rechargeable Li-ion polymer battery
Battery Operating Time	2 hours
Charging System	Charged inside camera
Charging Time	1.5 hours
External Power Operation	AC adapter, 90-260 VAC input - 5 V output to camera
Operating Temperature Range	−10°C to 50°C (14°F to 122°F)
Storage Temperature Range	−40°C to 70°C (-40°F to 158°F)
Weight	0.13 kg (0.29 lbs)
Dimensions	125 x 80 x 24 mm (4.9 x 3.1 x 0.94 in)
System Includes	
Box Contents	Infrared camera, lanyard, pouch, power supply/charger, tripod mount, USB cable, printed documentation

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com