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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



Key features	
MSX	
<ul style="list-style-type: none"> FLIR MSX embosses visible edges from the 1440 × 1080 HD camera onto the thermal imagery to create a sharper, easier to understand image. 	
OneFit Connector	
<ul style="list-style-type: none"> Adjust the length of the connector up to an additional 4 mm to fit your phone's protective case. 	
Imaging and optical data	
NETD	150 mK
Field of view	50° × 38°
Minimum focus distance	<ul style="list-style-type: none"> Thermal: 0.15 m (0.49 ft.) MSX: 0.3 m (0.98 ft.)
Spatial resolution (IFOV)	12 mrad
F-number	1.1
Image frequency	8.7 Hz
Focus	Focus free
Detector data	
Focal Plane Array	Uncooled microbolometer
Spectral range	8–14 μm
Detector pitch	17 μm
IR sensor size	80 × 60
Measurement	
Object temperature range	-20°C to +120°C (-4°F to +248°F)
Accuracy	±3°C (±5.4°F) or 5%, typical percent of the difference between ambient and scene temperature. Applicable 60 s after start-up when the unit is within +15 °C to +35°C (+59°F to +95° F) and the scene is within +5°C to +120°C (+41°F to +248°F)

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