

## P/N: VSC-IR32

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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](mailto:exportquestions@flir.com) with any questions.



<b>General description</b>	
Thermal 160x120 MSX camera probe with rectangular tip	
<b>Imaging and optical data</b>	
IR resolution	160 × 120 pixels
Digital image enhancement	Yes
Thermal sensitivity/NETD	<100 mK
Field of view (FOV)	57° × 44°
Minimum focus distance	0.15 m
Minimum focus distance with MSX	0.65 m
Image frequency	8.7 Hz
Focus	Fixed
<b>Detector data</b>	
Focal plane array/spectral range	Uncooled microbolometer/7.5–14 μm
Detector pitch	12 μm
<b>Measurement</b>	
Object temperature range	–10°C to 400°C (14°F to 752°F) (at room temperature)
Accuracy	At ambient temp. 15 to 35°C (59 to 95°F) and object temp. above 0°C (32°F). 0 to 100°C (32 to 212°F): ±3°C (±5.5°F) 100 to 400°C (212 to 752°F): ±3%
<b>Probe</b>	
Structure and Dimensions	2 m total length with 3 segments: <ul style="list-style-type: none"> <li>• 1.2 m semi-rigid</li> <li>• 0.7 m rigid</li> <li>• 0.1 m semi-rigid</li> </ul> Probe tip dimensions: 71.7 x 40.5 x 11 mm (2.8 x 1.6 x 0.43 in)
Probe Insulation	2-layers of ruggedized insulating material. Black outer layer and bright yellow inner layer.



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<b>Digital camera</b>	
Resolution	2 MP (1600 x 1200 pixels)
Field of view	83°
<b>Worklight</b>	
Model	CREE XPG2
LED CCT	6500 K
LED CRI	70
Beam angle	120°
Rated power	0.7 W
Light output (Lumens)	117 lm
Encapsulation	Probe tip : IP67 (IEC 60529)
Safety	CAT IV 600 V
<b>Physical data</b>	
Weight (including battery)	470 g (1.04 lbs)
Size (L x W x H)	212.2 x 0.69 cm (83.5 x 0.3 in)
<b>Warranty and service</b>	
Warranty	<a href="https://www.flir.com/testwarranty">https://www.flir.com/testwarranty</a>
<b>Shipping information</b>	
Packaging, type	Cardboard box
Packaging, contents	Thermal MSX camera probe
Packaging, weight	1.26 kg (2.78 lbs)
Packaging, size	32 x 17 x 11.5 cm (12.6 x 6.69 x 4.5 in)
EAN-13	793950429037
UPC-12	0793950429037
Country of origin	Taiwan
<b>Technical support</b>	
Website	<a href="http://support.flir.com">http://support.flir.com</a>

### Compatible with the following products:

- VS290-32; FLIR VS290-32: IR Boroscope