# FLIR TG130 (EMEA)

## P/N: 74401-0103

**Copyright**

© 2015, FLIR Systems, Inc.

All rights reserved worldwide. Names and marks appearing herein are either registered trademarks or trademarks of FLIR Systems and/or its subsidiaries. All other trademarks, trade names or company names referenced herein are used for identification only and are the property of their respective owners.

**Document identity**

Publ. No.: 74401-0103
Release:
Commit: 28906
Language:
Modified: 2015-10-02
Formatted: 2015-10-17

**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.

| General description | |
|---|---|
| FLIR's new TG130 imaging infrared (IR) thermometer bridges the gap between single-spot IR thermometers and FLIR's legendary thermal cameras. Equipped with FLIR's exclusive Lepton micro thermal camera, the FLIR TG130 shows you where potential problems are brewing and where to aim your spot.<br>The FLIR TG130 lets you see heat patterns, reliably measure temperature. Its menu uses intuitive icons, making it simple to operate. | |
| Key features | |
| • See the heat and speed up troubleshooting.<br>• Know where to measure temperature.<br>• Grab and go simplicity—no special training required.<br>• Pocket portable to fit a crowded tool bag.<br>• Rugged and reliable. | |

| Imaging and optical data | |
|---|---|
| IR resolution | 80 × 60 pixels |
| Thermal sensitivity/NETD | < 150 mK |
| Field of view (FOV) | 55° × 43° |
| Minimum focus distance | 0.1 m (4 in.) |
| Image frequency | 9 Hz |
| Focus | Focus free |

| Detector data | |
|---|---|
| Detector type | Focal plane array (FPA), uncooled microbolometer |
| Spectral range | 8–14 µm |

| Image presentation | |
|---|---|
| Display | 1.8 in. TFT LCD |

| Measurement | |
|---|---|
| Object temperature range | –10 to +150°C (+14 to +302°F) |

# FLIR TG130 (EMEA)

**P/N: 74401-0103**
© 2015, FLIR Systems, Inc.
#74401-0103; r. /28906;

| **Measurement analysis** | |
|---|---|
| Center spot | Yes |
| Color palettes | Iron |

| **Set-up** | |
|---|---|
| Temperature unit | Selectable by switch; °C or °F |
| Emissivity correction | No |

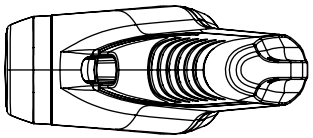
| **Power system** | |
|---|---|
| Battery type | 3 × AAA (LR03) |
| Battery operating time | 4 hours continuous scanning |
| Power management | Fixed; 5 min. |

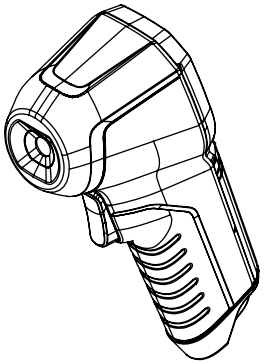
| **Environmental data** | |
|---|---|
| Operating temperature range | –10 to +45°C (+14 to 113°F) |
| Storage temperature range | –40 to +70°C (–40 to 158°F) |
| Humidity (operating and storage) | IEC 60068-2-30/24 hours, 95% relative humidity, 25–40°C (77–104°F)/2 cycles |
| EMC | • WEEE 2012/19/EC<br>• RoHs 2011/65/EC<br>• C-Tick<br>• EN 61000-6-3<br>• EN 61000-6-2<br>• FCC 47 CFR Part 15 Class B |
| Magnetic fields | EN 61000-4-8 |
| Encapsulation | IP 40 (IEC 60529) |
| Shock | 25 g (IEC 60068-2-29) |
| Vibration | 2 g (IEC 60068-2-6) |
| Drop | Designed for 2 m (6.6 ft.) |
| Safety | CE/PSE/EN/UL/CSA 60950-1 |

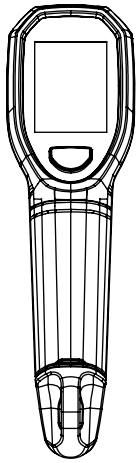
| **Physical data** | |
|---|---|
| Camera weight, incl. battery | 0.21 kg (0.46 lb.) |
| Camera size (L × W × H) | 169 mm × 113 mm × 48 mm (6.6 in. × 4.4 in. × 1.9 in.) |
| Color | Black |
| Material | PC-ABS, TPU |

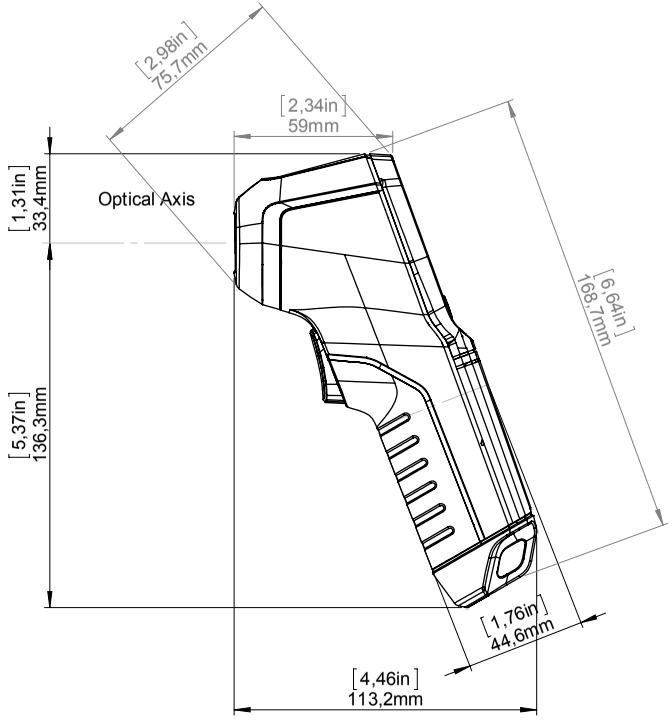
| **Shipping information** | |
|---|---|
| Packaging, type | Cardboard box |
| List of contents | • Imaging IR thermometer<br>• Printed documentation<br>• Lanyard<br>• 3 × AAA (LR03) batteries |
| EAN-13 | 7332558010747 |
| UPC-12 | 845188011437 |
| Country of origin | China |

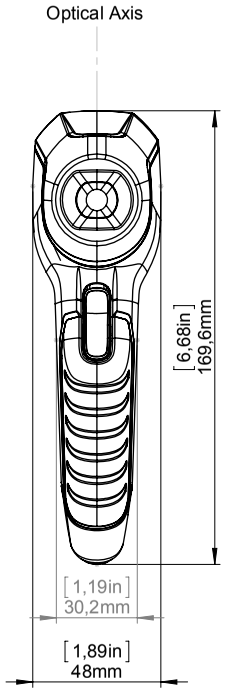
Camera with built in IR lens 50° x 38,6°

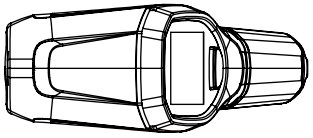








-

| Modified | Check | Drawn by |
|---|---|---|
| 2015-06-15 | ROPE | R&D Thermography |

Denomination

Basic dimension TG-130

| Size | Sheet |
|---|---|
| A3 | 1(1) |

Scale 1:2

| Drawing No. | Size |
|---|---|
| T128885 | B |

© 2012, FLIR Systems, Inc. All rights reserved worldwide. No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from FLIR Systems, Inc. Specifications subject to change without further notice. Dimensional data is based on nominal values. Products may be subject to regional market considerations. License procedures may apply. Product may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions. Diversion contrary to US law is prohibited.