



ENGLISH

Datasheet

## RS Pro TG-301 Thermal Camera

Stock Number: 918-1085



Front Side



Display Side



Application

**RS Pro TG-301 Thermal Camera lets you see the heat map on the display so you know exactly where to target the temperature measurement spot. Easily finds unseen hot and cold spots for instant troubleshooting. Best accuracy with much wider thermal range in class. Designed specifically for electrical, HVAC, mechanical, and automotive applications.**



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# RS Pro TG-301 Thermal Camera

Stock Number: 918-1085

## Specifications

|                                   |   |
|-----------------------------------|---|
| Model Number:                     | TG-301  |
| Measurement Range:                | -30°C to 650°C  |
| Distance/Spot Ratio:              | 30:1  |
| Accuracy of reading:              | ±1.5°C or ±1.5%<br>±2.0°C at -10°C<br>±3.0°C at -30°C |
| Display Resolution:               | 0.1°C   |
| Operating Temperature & Humidity: | -10°C to 50°C<br>(0% to 90% RH non-condensing @ 30°C) |
| Battery Life:                     | 12 hours  |
| Power:                            | 3 x AA batteries                                      |
| Laser Safety:                     | EN 60825-1: 2014 Class II                             |

## Features

- Three selectable colour palettes (Grey scale, hot iron and rainbow)
- Centre-point temperature measurement and focus free
- IR measurement 30:1 Distance to Spot ratio
- Adjustable emissivity from 0.10 to 1.00
- Auto off function
- Selectable °F and °C
- Intuitive joystick navigation to on-screen menu and settings
- Compact UV refrigerants leak detector with 5 UV/Blue LEDs
- Bright flashlight with 5 white LEDs

## Additional Features

- 160 x 128 pixels 1.77 inches TFT-LGM Display
- CMOS overlapped IR-REX™ Technology
- Powered by 3 standard AA size batteries
- Soft gun case included