

RSE300, RSE600

Thermal Imagers

Safety Information



2-Year Limited Warranty.
See the Users Manual for the full warranty.

To register your product, visit www.fluke.com.

To view, print, or download the latest manual or manual supplement, visit <http://us.fluke.com/usen/support/manuals>.

A **Warning** identifies hazardous conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

⚠⚠ Warning

To prevent possible electrical shock, fire, or personal injury and for safe operation of the Product:

- **Read all safety information before you use the Product.**
- **Carefully read all instructions.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Do not use the Product if it operates incorrectly.**
- **Do not use the Product if it is altered or damaged.**
- **Disable the Product if it is damaged.**
- **Do not put metal objects into connectors.**
- **Use only specified replacement parts.**

PN 4960092

February 2018

© 2018 Fluke Corporation. All rights reserved.

Specifications are subject to change without notice.

All product names are trademarks of their respective companies.

Fluke Corporation

P.O. Box 9090

Everett, WA 98206-9090

U.S.A.

Fluke Europe B.V.

P.O. Box 1186

5602 BD Eindhoven

The Netherlands

ООО «Флюк СИАЙЭС»

125167, г. Москва,

Ленинградский проспект дом 37,

корпус 9, подъезд 4, 1 этаж

- See emissivity information for actual temperatures. Reflective objects result in lower than actual temperature measurements. These objects pose a burn hazard.
- Have an approved technician repair the Product.

Caution

Storage and/or continual operation of the Imager in extreme ambient temperature conditions can result in temporary interruption of operation. If this occurs, let the Imager stabilize (cool down or warm up) before you resume operation.

Symbols

The table below lists the symbols that can be used on the Product or in this document.

Symbol	Description
	Consult user documentation.
	WARNING. RISK OF DANGER.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Conforms to European Union directives.
	Certified by CSA Group to North American safety standards.
	Conforms to relevant Australian Safety and EMC standards.
	Conforms to relevant South Korean EMC standards.
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste.

Radio Frequency Data

To view the Radio Frequency Data Class B Instruction Sheet, visit <http://us.fluke.com/usen/support/manuals> and search for 4409209.

Specifications

Temperature

- Operating..... -10 °C to +50 °C (+14 °F to +122 °F)
- Storage..... -20 °C to +50 °C (-4 °F to +122 °F)

Relative Humidity 10 % to 95 % non-condensing

Altitude

- Operating..... 2000 m
- Storage..... 12 000 m

Power AC operation with included power supply:
110 V ac to 220 V ac, 50/60 Hz ac
universal adapters included

Vibration..... 3G, 11 Hz to 200 Hz, 3 axis,
IEC 60068-2-26

Shock 50 G, 6 ms, 3 axis, IEC 60068-2-27

Size (H x W x L) 8.255 cm x 8.255 cm x 15.24 cm
(3.25 in x 3.25 in x 6.0 in)

Weight 1.04 kg (2.3 lb)

Enclosure Rating..... IP67

Safety IEC 61010-1

Wireless Radio

- Frequency..... 2412 MHz to 2462 MHz
- Output Power..... <100 mW

Electromagnetic Compatibility (EMC)

- International..... IEC 61326-1: Industrial Electromagnetic
Environment
CISPR 11: Group 1, Class A

*Group 1: Equipment has intentionally generated and/or uses
conductively-coupled radio frequency energy that is necessary for the
internal function of the equipment itself.*

*Class A: Equipment is suitable for use in all establishments other than
domestic and those directly connected to a low-voltage power supply
network that supplies buildings used for domestic purposes. There may
be potential difficulties in ensuring electromagnetic compatibility in other
environments due to conducted and radiated disturbances.*

*Caution: This equipment is not intended for use in residential
environments and may not provide adequate protection to radio
reception in such environments.*

- Korea (KCC)..... Class A Equipment (Industrial
Broadcasting & Communication
Equipment)

*Class A: Equipment meets requirements for industrial electromagnetic
wave equipment and the seller or user should take notice of it. This
equipment is intended for use in business environments and not to be
used in homes.*

- USA (FCC) 47 CFR 15 Subpart C Sections 15.207,
15.209, 15.249.