

# 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](http://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.**

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Specifications are subject to change without notice.

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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.