

PTi120

Portable Thermal Imager

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.

⚠⚠ 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.**
- **Use only Fluke approved power adapters to charge the battery.**
- **If the Product gets hot, disconnect the battery charger and move the Product to a cool, non-flammable location.**
- **Have an approved technician repair the Product.**



PN 5078798

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Specifications are subject to change without notice.

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- Replace the rechargeable battery after 5 years of moderate use or 2 years of heavy use. Moderate use is defined as recharged twice a week. Heavy use is defined as discharged to cutoff and recharged daily.
- See emissivity information for actual temperatures. Reflective objects result in lower than actual temperature measurements. These objects pose a burn hazard.

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.
	Battery status. Battery charging when animated.
	On/Off
	Conforms to European Union directives.
	Conforms to relevant Australian Safety and EMC standards.
	Conforms to relevant South Korean EMC standards.
	Japan Quality Association
	This Product contains a lithium-ion battery. Do not mix with the solid waste stream. Spent batteries should be disposed of by a qualified recycler or hazardous materials handler per local regulations. Contact your authorized Fluke Service Center for recycling information.
	Conforms to the Appliance Efficiency Regulation (California Code of Regulations, Title 20, Sections 1601 through 1608), for small battery charging systems.
	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.

Specifications

	PTi120
Battery	Lithium-ion rechargeable battery
Temperature	
Operating	-10 °C to 50 °C (14 °F to 122 °F)
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Battery charge temperature	0 °C to 40 °C (32 °F to 104 °F)
Altitude	
Operating	2000 m
Storage	12 000 m
Size (H x W x L)	89 mm x 127 mm x 25 mm (3.5 in x 5.0 in x 1.0 in)
Weight	0.233 kg (0.51 lb)
Safety	IEC 61010-1: Pollution Degree 2
Wireless Radio	
Frequency	2412 MHz to 2462 MHz
Output power	<100 mW
Electromagnetic Compatibility (EMC)	
International	IEC 61326-1: Basic Electromagnetic Environment CISPR 11: Group 1, Class A <i>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.</i> <i>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.</i> <i>Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.</i>
Korea (KCC)	Class A Equipment (Industrial Broadcasting & Communication Equipment) <i>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.</i>
USA (FCC)	47 CFR 15 Subpart C Sections 15.207, 15.209, 15.249