

# VT06/VT08

## Visual IR Thermometer

### Safety Information



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

To register your product, or to view, print, or download the latest manual or manual supplement go to our website: [www.fluke.com](http://www.fluke.com).

A **Warning** identifies hazardous conditions and procedures that are dangerous to the user. The laser warnings, symbols, and specifications apply only to Products with lasers.

#### 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 around explosive gas, vapor, or in damp or wet environments.**
- **Do not use the Product if it is altered or damaged.**
- **Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.**



PN 5318079  
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







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

- **Do not disassemble or crush battery cells and battery packs.**
- **Use only Fluke approved power adapters to charge the battery.**
- **Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.**
- **Disconnect the battery charger and move the Product or battery to a cool, non-flammable location if the rechargeable battery becomes hot (>50 °C) during the charge period.**
- **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.**
- **Do not short the battery terminals together.**
- **Do not keep cells or batteries in a container where the terminals can be shorted.**
- **Do not look into the laser. Do not point the laser directly at persons or animals or indirectly off reflective surfaces.**
- **Do not look directly into the laser with optical tools (for example, binoculars, telescopes, microscopes). Optical tools can focus the laser and be dangerous to the eye.**
- **Do not open the Product. The laser beam is dangerous to eyes. Have the Product repaired only through an approved technical site.**
- **Do not use laser viewing glasses as laser protection glasses. Laser viewing glasses are used only for better visibility of the laser in bright light.**
- **See emissivity information for actual temperatures. Reflective objects result in lower than actual temperature measurements. These objects can pose a burn hazard.**
- **Use only specified replacement parts.**
- **Have an approved technician repair the Product.**
- **Do not use the Product for medical reasons. The product is intended for equipment evaluation only and should never be used in diagnostics, treatment, or any other capacity where the Product would come in contact with a patient.**

## 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. LASER RADIATION. Risk of eye damage.
	Indicates a Class 2 laser. DO NOT STARE INTO BEAM. The following text may appear with the symbol on the product label: "IEC/EN 60825-1:2014. Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, dated June 24, 2007." In addition, the following pattern on the label will indicate wavelength and optical power: $\lambda = xxxnm, x.xxW$ .
	Battery status. Battery charging when animated.
	OK button. Push to open a menu, set an option, or turn on the flashlight.
	Menu symbol. Push  to open the menu or set options.
	Flashlight symbol. Push  for 2 sec to turn on or off the flashlight.
	Up and down arrow button. In a menu, push to highlight a menu option.
	Back button. In a menu, push to go back to the previous screen.
	On/Off symbol. Push  for 2 sec to turn on or off the Product.
	USB port
	Conforms to European Union directives.

Symbol	Description
	<p>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.</p>
	<p>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.</p>

## Specifications

Temperature	
Operating	-10 °C to 50 °C (14 °F to 122 °F)
Storage	-20 °C to 60 °C (-4 °F to 140 °F)
Power	
Battery	Rechargeable Lithium-ion battery
Battery life, as tested	≥5 hours continuous (VT08) ≥8 hours continuous (VT06) Actual battery life depends on settings and usage
Charge time	≤2.5 hours to full charge
Battery charge temperature	0 °C to 45 °C (32 °F to 113 °F)
Battery charging system	In-Thermometer charging
AC power adapter	AC operation with included power supply, universal adapters included Output: 5 VDC, 2 A
Power save	Enables or disables auto power off

## **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 B. This product is considered an exempt device per clause 15.103.

