

Technical Data

Fluke VT06 & VT08 Visual IR Thermometer

New Palm-size Imager, Light and Clear



- Wide temperature range, -20 °C to 400 °C
- 2 hours fast charging time, 8 hours battery life (VT06 only)
- Single-level menu interface, Open-and-View
- Quickly locate the measured target with built-in laser pointer
- Auto high/low temperature capture

Higher resolution, wider temperature range measurement

The 120 x 90 resolution model has more than 10000 infrared pixels, which is 12 times higher than the previous generation* and rich temperature details help you find problems faster.

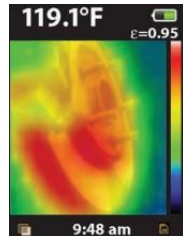


Image from the previous generation product VT04* (28x28 pixel)

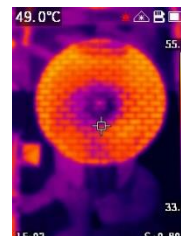


Image from VT08 (120x90 pixel)

Difficult to distinguish between false and real? Infrared and visible blending can help!

VT08 is equipped with both infrared and visible light cameras. You can blend a visual image with infrared heat image overlay in real-time to distinguish the measured object. In addition, Fluke IR Fusion® Technology allows you to adjust the level of fusion blending according to your needs, or switch to the Picture-in-Picture mode.



Experience thermal imagers in the size of a spot thermometer

Portability is one of the advantages of VT06 / 08 thermal imager. It is almost comparable to a point thermometer in terms of weight and size. Small but with great abilities, you can get a leap in temperature measurement experience from point to area.



Drop-proof, dust and water proof, suitable for harsh industrial environments

Built with legendary Fluke ruggedness, VT06/08 features IP65 ingress protection and 2-meter drop test. It can provide stable and reliable test results even if it is exposed to the sun and rain, or it is dropped.



	VT08	VT06
Thermal image and optics		
Infrared resolution	120×90	
IR frequency band	7.5~14 μm (long wave)	
Frame rate	9Hz	
Thermal sensitivity/NETD	< 60 mk	
Field of view (H x V)	50° x 37.5°	
Spatial resolution	7.6 mrad	
Focus system	Focus free	
Minimum focusing distance	0.5 m (19.7 in)	
Image display and storage		
Image mode	Thermal image Visible image PIP	Thermal image
Palettes	Ironbow, Blue-Red, High-Contrast, Amber, Hot Metal, Grayscale	
Internal storage	14 GB (>50000 images)	
File format	JPEG compression format (.jpg)	
PIP mode	Yes	No
Temperature measurement		
Temperature range	-20 °C to 400 °C [-4 °F to 752 °F] (not specified for below -10 °C)	
Temperature accuracy	±2°C or 2% @ 23°C±5°C, whichever is greater	
Emissivity	Adjustable	
Background temperature compensation	Yes	
Auto high-/low-temperature capture	Yes	
Center point temperature	Yes	
Alarm	Maximum/minimum temperature alarm in full screen	
Interface and lens		
Visible lens	Yes	No
Flashlight	Yes	No
Laser sighting	Yes	
Type-C interface	Yes	
Tripod interface	Yes	
Power system		
Battery type	Internal Rechargeable Li-ion battery	
Battery operation time	≥5 hrs (VT08) ≥8 hrs (VT06) Actual battery life depends on environment and settings	
Charging Time	< 2.5 hrs to full charge	
Battery charging temperature	0 °C to 45 °C	
Battery charging system	Charge in the machine (the battery is not removable)	
AC adapter	Include power supply, universal adapter Output: 5 VDC, 2 A	
Power saving mode	Yes	

	VT08	VT06
Environmental specifications		
Operating temperature	-10 °C to 50 °C	
Operating altitude	2000 m (1.24 mi)	
Storage altitude	12 000 m (7.5 mi)	
Others		
Warranty	1 year	
Standard accessories	Wrist strap, quick reference guide, charger + adapter, Type-C data cable, data-downloading card	
Display	6.096 cm (2.4-inch) LCD	
Language	English	
Size	20.4 cm x 6.6 cm x 7.6 cm	
Weight	0.36 kg	0.35 kg
Relative humidity	≤90%, non-condensing	
Safety		
Safety standards	IEC 61010-1: Pollution Degree 2	
Laser	IEC 60825-1: Class 2, 650 nm, <1 mW	
Battery	IEC 62133-2, UN 38.3	
Protection class	IEC 60529: IP65 (with Type-C port closed)	
Drop test	2 m	
Electromagnetic Compatibility (EMC)		
International	IEC 61326-1: Industrial Electromagnetic Environment CISPR 11: Group 1, Class A	
Korea (KCC)	Class A Equipment	
America (FCC)	47 CFR 15 subpart B.	

Ordering Information

5341941 Fluke-VT06/APC
5341952 Fluke-VT08/APC

Standard accessories

Wrist strap for main unit
Quick reference guide
Charger + Adapter
TYPE-C data cable
Data-downloading card



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