

**HVAC TRMS DIGITAL MULTIMETER  
WITH TEMPERATURE****FLIR DM64™**

The FLIR DM64 is the only multimeter HVAC technicians need, providing an unmatched feature set and high-quality measurements at an affordable price. This digital multimeter is easy to use and has been built to last, offering long term stability and robust build quality for field use. The DM64 is the right choice for professionals installing, inspecting and maintaining HVAC systems.

**EVERYTHING YOU  
NEED IN ONE TOOL**

Rich feature is ideal for HVAC professionals

- Diagnose complex systems with high and low voltage measurement capabilities
- Assess temperatures up to 400°C (752°F) with Type-K thermocouple
- Test flame sensors with microamps feature
- Readily and precisely identify live wires with probe-contact voltage detection

**FAST, EFFICIENT INSPECTIONS**

Designed to make your job easier

- Work quickly and comfortably thanks to user-friendly design, intuitive interface, and enhanced ergonomics
- Easily identify deviations from normal conditions by comparing new readings to stored data
- Navigate the meter's on-screen menu system easily

**TOUGH, STABLE, &  
HIGH-QUALITY**

This all-in-one tool is built to last

- Swap batteries easily from the "no-tool" battery compartment
- Durable and drop-tested, with an IP40 ingress protection rating
- Safety rated to CAT IV-300V, CAT III-600V
- Rely on the protection of FLIR's Limited Lifetime warranty

## SPECIFICATIONS

Measurement		DM64		General Information	
True RMS	Yes	Range	Basic Accuracy	Auto Power Off	Yes
AC / DC Volts	600.0 V	600.0 mV	±1% / 0.4%	Battery	2 AAA batteries
AC / DC mVolt	600.0 mV	600.0 V RMS	±1% / 0.4%	Drop Test	2 meters
VFD AC Volts	600.0 V RMS	600.0 V	±1%	IP Rating	IP40
AC / DC LoZ V	600.0 V	600.0 A	±2.0%	Category Rating	CAT IV-300V, CAT III-600V
AC / DC Amps	10.00 A	600.00 mA	±1.5% / 1.0%	Size (H x W x L)	161 × 80 × 50 mm (6.3 × 3.2 × 2.0 in)
AC / DC mAmps	600.00 mA	6000 µA	±1.0% / 0.7%	Weight	334 g (11.8 oz)
AC / DC µAmps	6000 µA	60.00 MΩ	±1.5% / 1.0%	Warranty	Limited lifetime warranty
Resistance	60.00 MΩ	2000 µF	±0.9%	Box Contents	
Capacitance	2000 µF	3.000 V	±1.5%	DM64 multimeter, 2x AAA Alkaline batteries, silicone test leads, Type-K thermocouple, soft carrying case	
Diode Test	3.000 V	5.00 kHz	±0.9%	Ordering Information	
Frequency Counter	5.00 kHz	Temperature, Type-K Thermocouple		FLIR DM64 HVAC TRMS Digital Multimeter with Temperature	
Temperature, Type-K Thermocouple	-40.0 to 752.0°F -40.0 to 400.0°C	-40.0 to 752.0°F -40.0 to 400.0°C	±1.0% + 2°F ±1.0% + 1°C		
Additional Measurements					
Continuity Check	30 Ω and 480 Ω				
Measuring Rate	5 samples per second				
Min/Max/Avg	Yes				
Relative Mode	Yes				
LoZ Mode	Yes				
Non-Contact Voltage Detection (NCV)	Yes				
Data Hold	Yes				