



Flir DM266

Compact Thermal Imaging Multimeter with Meterlink®

<https://www.flir.com/products/DM266>



The Flir DM266 is a compact and intuitive True RMS multimeter with IGM™ (Infrared Guided Measurement) to quickly and safely pinpoint electrical issues. Its MSX® (Multi-Spectral Dynamic Imaging) enhancement blends visible details with thermal images for clearer, faster diagnostics. Designed for portability, it supports safe charge-and-use capability for continuous operation. A remote control attached to the test leads lets you capture measurements and inspection scenes simultaneously - ideal for tight spaces and one-handed operation. Built-in tilt stand with a magnetic mount enables hands-free work. Super Resolution boosts thermal images from 160 × 120 to 320 × 240 for superior details. With the Meterlink® app, you can capture readings, review images and videos, and generate reports directly from your mobile device.

LOCATE PROBLEMS FASTER

Quickly identify thermal anomalies with IGM™ (Infrared Guided Measurement) and MSX® technology, while IR Super Resolution enhances thermal images from 160 × 120 to 320 × 240 for greater image detail and more confident diagnostics.

SAFER, MORE EFFICIENT ELECTRICAL INSPECTIONS

Accurately troubleshoot electrical systems with VFD mode for reliable measurements, an intuitive scroll wheel for easy navigation, and an included remote control that enables safer, more efficient inspections in hard-to-reach areas.

IMPROVE INSPECTION WORKFLOWS

Wirelessly transfer measurements and thermal images using the Flir Meterlink® app to compare readings, track trends, and generate professional reports directly from your mobile device.

Specifications

Key Specifications		Sensitivity	130 mK
IR Resolution	160 × 120 (Native Resolution) 320 × 240 (Super Resolution)	Spectral Response	8 μm to 14 μm
Display Size	3.2 in. IPS LCD	Thermal image palettes	Iron, Rainbow, Arctic, White Hot, and Black Hot
Display Counts	6000	Thermal Imaging Detector	Flir Lepton® microbolometer
Connectivity	Bluetooth BLE	Visual Resolution	2 MP (1600 × 1200 pixels)
Safety Category	IEC 61010-1 CAT III-600 V	Measurement & Analysis	
Imaging & Optical		Capacitance	Range: 10 mF / 1000 nF, 10.00 μF, 100.0 μF, 1000μF, ±(2.0% + 2 Digits) 10.00 mF, ±(3.0% + 5 Digits)
Focus	Fixed	Category Rating	CAT III-600 V
FOV (w x h)	57° × 44°	Continuity check	<30 Ω Beeper On, >150 Ω Beeper Off
Image Modes	Thermal MSX® (Multi-Spectral Dynamic Imaging), Thermal Camera Only, Digital Camera Only		

Specifications, cont.



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Diode Test	Range: 3 V / Accuracy $\pm(0.9\% + 3 \text{ Digits})$
Frequency	9 Hz
Frequency Counter	Range: 1 kHz / Accuracy $\pm(0.1\% + 2 \text{ Digits})$
Measuring Rate	3 Samples Per Second
Resistance	Range: 60 Mohm / 600.0 Ω , 6.000 K Ω , 60.00 K Ω , 600.00 K Ω , 6.000 M Ω , $\pm(1.0\% + 2 \text{ digits})$ 60.00 M Ω , $\pm(1.0\% + 5 \text{ Digits})$
Temperature Accuracy	$\pm 3^{\circ}\text{C}$ (5.4°F) or $\pm 3\%$ of the Reading; Whichever is Greater
Temperature Range	10°C to 300°C (14°F to 572°F)
True RMS	Yes
VFD AC Voltage	Range: 600 V AC / Accuracy $\pm(1.0\% + 3 \text{ digits})$ at 45 Hz to 65 Hz

Communication & Data Storage

Bluetooth range max	10 m (32 ft)
Communication Protocol	Meterlink
Data Recording	1 to 100 Seconds (Interval Configurable)
Data Storage	Up to 40,000 images
Image File Format	JPEG
Memory	40,000 Readings Per Set

Power

AC/DC Volts	Range: 600 V / Accuracy 600.0 mV, 6.000 V, 60.00 V $\pm(0.3\% + 2 \text{ Digits})$ 600.0 V $\pm(0.5\% + 5 \text{ Digits})$
Auto Power Off	For Device: Options: Off, 2, 5, or 10 Minutes For Worklight Only: Options: Off, 5, 15, or 30 Minutes
Battery	Rechargeable 3.7 V, 2950 mAh LiPo
Battery Life	Up to 12 Hours in IGM Mode With Display Brightness Set to Medium Brightness Up to 16 Hours in Multimeter Mode Set to Medium

General

Box Contents	1 $\times$ DM266 IGM Compact Multimeter 1 Set of CAT IV-600 V Test Leads 1 $\times$ USB Type-A to C Cable 1 $\times$ Soft Carrying Case 1 $\times$ Quick Start Guide 1 $\times$ TA93 Remote control 1 $\times$ CR1220 Coin Battery
Size (L x W x H)	168 $\times$ 87 $\times$ 31 mm (6.5 $\times$ 3.4 $\times$ 1.2 in)
Weight	299 g (10.54 oz.)

Environmental & Certifications

Certifications	ETL, CE, FCC
Drop test	2 m (6.6 ft)
EMC	EN61326-2-2, EN300328
Emissivity Settings	0.10 to 1.00 (Default is 0.95); Select From Three Presets or Set Manually
IP Rating	IP40
Warranty	Limited 3-Year Warranty

Specifications subject to change. For the most up-to-date specifications, please visit www.flir.com.

For technical or sales support, please visit:

<https://www.flir.com/contact/contact-us/>

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