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	
IR Resolution	160 × 120 (19,200 pixels)
Display Size	3.2 in. IPS LCD
Display Counts	6000
Connectivity	Bluetooth BLE
Safety Category	IEC 61010-1 CAT III-600 V
Imaging & Optical	
Focus	Fixed
FOV (w x h)	57° × 44°
Image Modes	Thermal MSX® (Multi-Spectral Dynamic Imaging), Thermal Camera Only, Digital Camera Only
Sensitivity	130 mK
Spectral Response	8 µm to 14 µm
Thermal image palettes	Iron, Rainbow, Arctic, White Hot, and Black Hot
Thermal Imaging Detector	Flir Lepton® microbolometer
Visual Resolution	2 MP (1600 × 1200 pixels)

Measurement & Analysis	
Capacitance	Range: 10 mF / 1000 nF, 10.00 µF, 100.0 µF, 1000µF, ±(2.0% + 2 Digits) 10.00 mF, ±(3.0% + 5 Digits)
Category Rating	CAT III-600 V
Continuity check	<30 Ω Beeper On, >150 Ω Beeper Off
Diode Test	Range: 3 V / Accuracy ±(0.9% + 3 Digits)
Frequency	9 Hz
Frequency Counter	Range: 10 kHZ / Accuracy ±(0.1% + 2 Digits)
Measuring Rate	3 Samples Per Second
Resistance	Range: 60 Mohm / 600.0 Ω, 6.000 KΩ, 60.00 KΩ, 6.000 MΩ,± (1.0% + 2 digits) 60.00 MΩ, ± (1.0% + 5 Digits)
Temperature Accuracy	±3°C (5.4°F) or ±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 ±(1.0% + 3 digits) at 45 Hz to 65 Hz

Specifications, cont.

For technical or sales support, please visit: https://www.flir.com/contact/contact-us/

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Specifications, cont.

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Communication & Data Storage	
Bluetooth range max	10 m (32 ft)
Communication Protocol	Meterlink
Data Recording	1 to 99 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 ±(0.3% + 2 Digits) 600.0 V ±(0.5% + 5 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 × DM266 IGM Compact Multimeter 1 Set of CAT IV-600 V Test Leads 1 × USB Type-A to C Cable 1 × Soft Carrying Case 1 × Quick Start Guide 1 × TA93 Remote control 1 × CR1220 Coin Battery
Size (L x W x H)	168 × 87 × 31 mm (6.5 × 3.4 × 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.

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