# 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 from160 × 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 (Native Resolution)<br>320 × 240 (Super Resolution) |
| 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 /<br>1000 nF, 10.00 µF, 100.0 µF, 1000µF, ±(2.0% + 2 Digits)<br>10.00 mF, ±(3.0% + 5 Digits) |
| Category Rating | CAT III-600 V |
| Continuity check | <30 Ω Beeper On, >150 Ω Beeper Off |

*Specifications, cont.*

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## Specifications, cont.

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| | |
|---|---|
| Diode Test | Range: 3 V / Accuracy ±(0.9% + 3 Digits) |
| Frequency | 9 Hz |
| Frequency Counter | Range: 1 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, 600.00 KΩ, 60.00 MΩ, 6.000 MΩ,± (1.0% + 2 digits)<br>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 |
| **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<br>600.0 mV, 6.000 V, 60.00 V ±(0.3% + 2 Digits)<br>600.0 V ±(0.5% + 5 Digits) |
| Auto Power Off | For Device: Options: Off, 2, 5, or 10 Minutes<br>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<br>Set to Medium Brightness<br>Up to 16 Hours in Multimeter Mode Set to Medium |
| **General** | |
| Box Contents | 1 × DM266 IGM Compact Multimeter<br>1 Set of CAT IV-600 V Test Leads<br>1 × USB Type-A to C Cable<br>1 × Soft Carrying Case<br>1 × Quick Start Guide<br>1 × TA93 Remote control<br>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.*

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

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