

| Specifications                       |   |                 |               |       |      |
|--------------------------------------|---|-----------------|---------------|-------|------|
|                                      |   |                 |               | 9481  | 9581 |
| <b>Thermal Imager</b>                |   |                 |               |       |      |
| IR resolution                        | 80x80 pixels                            |                 |               |       | *    |
| Field of View (FOV)                  | 21° x 21°                               |                 |               |       | *    |
| Thermal sensitivity/NETD             | < 0.08°C /80mK                          |                 |               |       | *    |
| Image frequency                      | 50Hz                                    |                 |               |       | *    |
| Object temperature range             | -20 to 260°C (-4 to 500°F)              |                 |               |       | *    |
| Spectral range                       | 8-14 μm                                 |                 |               |       | *    |
| Color palettes                       | Iron/Rainbow/Grey/Grey Inverted/Feather |                 |               |       | *    |
| Accuracy                             | ±2°C (±3.6°F) or ±2% of reading         |                 |               |       | *    |
| <b>True RMS Multimeter Functions</b> |   |                 |               |       |      |
| Function                             | Maximum                                 | Max. resolution | Best Accuracy |       |      |
| Voltage DC                           | 1000V                                   | 100mV           | ±(0.5% + 5d)  | 1500V | *    |
| Voltage AC                           | 1000V                                   | 100mV           | ±(1.2% + 5d)  | 1500V | *    |
| Current DC                           | 1000V                                   | 0.01A           | ±(2% + 8d)    | *     | *    |
| Current AC                           | 1000V                                   | 0.01A           | ±(2.5% + 5d)  | *     | *    |
| Flexible A                           | 3000A                                   | 0.01A           | ±(3.0%+5d)    | *     | *    |
| Resistance                           | 60MΩ                                    | 0.1Ω            | ±(0.8% + 5d)  | *     | *    |
| Capacitance                          | 100mF                                   | 0.01nF          | ±(3.0% + 5d)  | *     | *    |
| Frequency                            | 10MHz                                   | 0.01Hz          | ±(0.2% + 5d)  | *     | *    |
| Inrush Current                       | 1000A                                   | 1A              |               | *     | *    |
| Temperature                          | 1000°C/1832°F                           |                 | ±(1.5%+3°C)   | *     | *    |
| Diode & Continuity                   | Yes                                     |                 |               | *     | *    |
| Interface                            | Bluetooth                               |                 |               | *     | *    |
| Power Supply                         | Li-ion rechargeable battery             |                 |               | *     | *    |

