# Wireless Connectivity
# IR Thermometer

Triple Temperature Meas. Mode

## Introduction :

MS-BIT01 / MS-BIT02 and MS-WIT02 series Wireless Connectivity Infrared Thermometer is compact in size and easy to use. It can determine the surface temperature by measuring the amount of infrared energy radiated by the target's surface or by contact using a thermocouple probe as well as ambient temperature. IR Thermometer is specially designed for use in heating ventilating, air conditioning (HVAC), plumbing, electrical, electronic, machinery and food / catering applications.

One of the most advantages of the meter is wirelessly connect to Smart phone / Tablet / PC (require different modules, sold separately) to view data, record reading, capture picture with data on it and send the information to headquarter as well as data logging.

## Specifications :

| Bluetooth Integrated | 'B' Series | ☐ MS-BIT01 | ☐ MS-BIT01K | ☐ MS-BIT02 | ☐ MS-BIT02K |
|---|---|---|---|---|---|
| Require External Wireless Module | 'W' Series | | | ☐ MS-WIT02 | ☐ MS-WIT02K |
| 'K' type thermocouple temperature | | | * | | * |
| Ambient (Air) temperature from -20°C ~ 70°C (-4°F ~ 158°F) | | * | * | * | * |
| Object (Surface) from -50 °C ~ 600 °C (-58°F ~ 1112 °F) | | * | * | * | * |
| Thermocouple measureable from -50 °C ~ 1000 °C (-58°F ~ 1832°F) | | | * | | * |
| Resolution 0.1 °C (0.1°F) | | * | * | * | * |
| Max. / Min. / Diff. / Avg. reading | | | | * | * |
| Hi / Lo alarm | | | | * | * |
| Emissitivity | | 1 ~ 100 | 1 ~ 100 | 0.05 ~ 1.00 | 0.05 ~ 1.00 |
| Distance to spot (D:S): 12:1 | | * | * | * | * |
| Laser pointer | | * | * | * | * |
| Back light | | * | * | * | * |
| Audible sound | | * | * | * | * |
| Hold / Freeze reading | | * | * | * | * |
| 'K' type temperature Ni-Cr and Ni-Si sensor, temperature range measureable -40°C ~ 250°C (-40°F ~ 482°F) (included) | | | * | | * |
| Standalone mode (without wireless module) | | | | MS-WIT02 | MS-WIT02K |
| Wireless connectivity transmit data to Smart phone / Tablet with iOS APPS or Android APPS (require wireless module MS-WMB1, sold separately) | | | | MS-WIT02 | MS-WIT02K |
| Data logger compatible (require wireless with memory module MS-WMBM1, sold separately) | | | | MS-WIT02 | MS-WIT02K |
| Standalone mode or Bluetooth Connectivity transmit data to Smart phone / Tablet with iOS APPS or Android APPS | | MS-BIT01 | MS-BIT01K | MS-BIT02 | MS-BIT02K |
| Battery powered (included) | | 1 x 9V (6F22 / 6LR61 / 1604) | | | |
| Dimensions (LxWxD) mm | 'B' Series | 153x120x42 | | | |
| | 'W' Series | 170x120x42 | | | |
| Weight (approx.) grams | 'B' Series | 146 (without battery) | | | |
| | 'W' Series | 160 (without battery) | | | |

Wireless module for multi devices (MS-WMB1)

Duplex Communication with Smart Phone / Tablet

Digital display

'W' Series

'B' Series
Bluetooth Integrated

**Data logger compatible (For 'W' series)**

**Analogue display**

**Real time digital and graphic display**

**Capture picture with data on screen display**
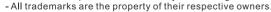
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