

# MB\_IoT GSM

## Industrial IoT Gateway



MB\_IoT is an industrial device specifically designed to implement data collection system. MB\_IoT has been used in many factory environments to gather data from the different applications. MB\_IoT acquires data from the instruments and transmit data to server through MQTT protocol. Receives data and represents in the form of JSON.

### Features

- Global supporting GSM/GPRS module 2G
- Can support up to 80 parameters
- Can connect up to 8 instruments to MB\_IoT
- Cloud base support system
- Plug and play
- High reliability, Low cost compact design, Convenient to use

### Specifications

#### Cloud Connectivity

- |                 |                   |
|-----------------|-------------------|
| • Protocols     | MQTT              |
| • Data Format   | JSON              |
| • Transmission  | Transparent       |
| • Data Interval | 30 to 300 Seconds |

#### Power

- |                 |  |
|-----------------|--|
| • Input Voltage | 12 - 24V <sub>dc</sub>                           |
| • Consumption   | 5 W Avg (low power device draws less than 200mA) |

#### Connectivity

- |          |                    |
|----------|--------------------|
| • Input  | RS485              |
| • Output | GSM/GPRS Module 2G |

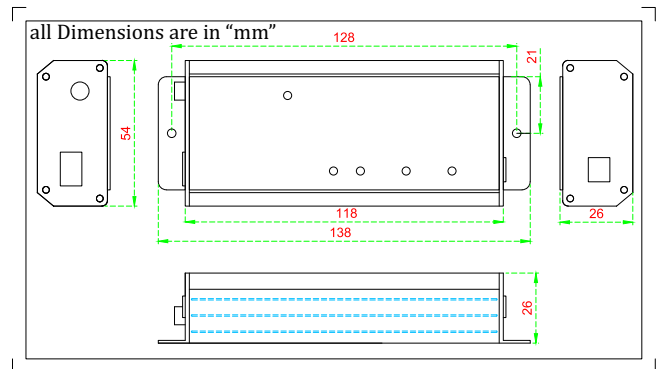
#### Environmental

- |                         |                           |
|-------------------------|---------------------------|
| • Operating Temperature | 0 °C to + 70 °C           |
| • Storage Temperature   | -40 °C to + 85 °C         |
| • Operating Humidity    | 0 to 95% (non-condensing) |

#### Mechanical

- |                   |                              |
|-------------------|------------------------------|
| • Dimensions (mm) | 138.0(L) X 54.0(W) X 26.0(H) |
| • Enclosure       | Aluminium HE30               |
| • Weight          | 150g                         |

### Mechanical Dimensions



### Application

