

## Data Logger

# WiFi-U / 4G-U / WiFi-LAN



(WiFi-LAN)

(4G-U / WiFi-U)

### WiFi-U

- 2.4GHz WiFi network supported
- Multi protocols to secure data transmission

### 4G-U

- 2.4GHz WiFi network supported
- 4G communication supported
- EMS function supported

### WiFi-LAN

- 2.4GHz / 5GHz WiFi network supported
- Ethernet connection supported
- EMS function supported

# Specifications

## Device Model

## WiFi-U

## 4G-U

## WiFi-LAN

### General Parameters

|                                    |                                  |                     |                   |
|------------------------------------|----------------------------------|---------------------|-------------------|
| Dimensions (L/W/Tmm)               | 130mm*50.7mm*31.9mm              | 130mm*50.7mm*31.9mm | 162mm*50.5mm*32mm |
| Weight                             | 60g                              | 71g                 | 75g               |
| Power                              | 5V / 1A (USB port)               |                     |                   |
| Operating Current                  | 500mA                            | 1000mA              | 500mA             |
| Average Power Consumption          | 2.5W                             | 3.5W                | 2.5W              |
| Operating Temperature              | -25°C to +65°C                   |                     |                   |
| Storage Temperature                | -40°C to +70°C                   |                     |                   |
| Protection Grade                   | IP65                             |                     |                   |
| Relative Humidity (non-condensing) | 5% to 95% RH                     |                     |                   |
| Installation Method                | USB port                         |                     |                   |
| Certification                      | CE / UK-CA / RoHS                |                     |                   |
| Warranty                           | 5-year limited hardware warranty |                     |                   |

### Communication Parameters

|           |                                                   |                                                             |                                                              |
|-----------|---------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|
| 4G        | \                                                 | LTE-FDD: B1 / B3 / B5 / B7 / B8 / B20<br>GSM: 900 / 1800MHz | \                                                            |
| Ethernet  | \                                                 | \                                                           | 10 / 100M Ethernet                                           |
| Wi-Fi     | IEEE 802.11 b/g/n @2.4 GHz                        | IEEE 802.11 b/g/n @2.4 GHz                                  | Universal 2.4 & 5GHz Dual-Band<br>Wi-Fi 6 (802.11ax) Support |
| Bluetooth | Bluetooth® LE Standard / Bluetooth V4.2 and above |                                                             |                                                              |
| USB       | Hardware USB 2.0 CDC communication port           |                                                             |                                                              |
| Button    | Quick-press function buttons                      |                                                             |                                                              |
| LED       | RGB Tri-Color Light                               |                                                             |                                                              |
| Flash     | 4M FLASH                                          |                                                             |                                                              |

### Application Parameters

|                    |                                                     |  |  |
|--------------------|-----------------------------------------------------|--|--|
| Server Protocol    | MQTT and TLS1.2                                     |  |  |
| Data Encryption    | AES encryption                                      |  |  |
| User Configuration | WEB / App configuration (BLE network configuration) |  |  |
| Data Updating      | Every 5 minutes                                     |  |  |