

HOPEWIND

SMART DONGLE

# hopeDongle G02-WiFi



## FEATURES



### Easy to Use

- Plug and play, quick installation
- Supports cloud platform monitoring services
- Supports remote modify local parameters
- Supports remote firmware upgrade



### Flexible

- Supports multiple data formats
- Supports fast adaptation of all kinds of equipment



### Stable

- Industrial components and designs, wide temperature range
- Password and encrypted transmission for data protection
- Real-time detection of online status

## PARAMETERS

| Model                          | hopeDongle-G02-WiFi                                                |
|--------------------------------|--------------------------------------------------------------------|
| <b>External Interface</b>      |                                                                    |
| Docking Method                 | USB                                                                |
| Operating Button               | RESET                                                              |
| Operating Indicator            | LED indicator                                                      |
| <b>General Parameters</b>      |                                                                    |
| Dimensions (W × H × D)         | 118 × 49 × 33.5 mm                                                 |
| Weight                         | 70 g                                                               |
| Ingress Protection             | IP66                                                               |
| Rated Voltage                  | DC5~15 V                                                           |
| Max. Current                   | 125 mA (DC12 V)                                                    |
| Operating Temperature          | -30~+65°C                                                          |
| Storage Temperature            | -40~+85°C                                                          |
| <b>Hardware Parameters</b>     |                                                                    |
| Data Input Mode                | RS485 (9600 bps)                                                   |
| Data Output Mode               | Wi-Fi                                                              |
| <b>Wi-Fi Parameters</b>        |                                                                    |
| Operating Frequency            | 2.412~2.472 GHz                                                    |
| Wireless Standard              | 802.11 b/g/n                                                       |
| Data Transmission Rate         | 11Mbps@11b, 54Mbps@11g                                             |
| Operating Mode                 | AP + STA (coexistence mode)                                        |
| <b>Software Parameters</b>     |                                                                    |
| Supported Device Protocols     | Modbus-RTU                                                         |
| Software Watchdog              | Support                                                            |
| Data Upload Cycles             | 5 minutes (default)                                                |
| Parameter Configuration Method | hopeCloud APP                                                      |
| Cloud Platform                 | hopeCloud                                                          |
| <b>Others</b>                  |                                                                    |
| Certification                  | CE (IEC-60529, IEC-62311, IEC-62368, EMC), EN (300328, 55032), RED |

