



# MobiLynk

HandHeld Unit for Field Engineers



The **MobiLynk HHU** is a dedicated handheld device built for reliable interaction with smart energy meters. Designed around the **DLMS/COSEM** protocol, it provides technicians with a robust hardware platform to perform essential meter access and data retrieval in the field.

The unit features **wireless** communication, enabling meter **configuration**, reading of key parameters, and access to **diagnostic** information without the need for direct wiring. Its **slim, lightweight** construction, combined with a **rugged** housing, ensures long-lasting performance even in demanding field conditions.

Purpose-built for portability and durability, the **MobiLynk HHU** delivers a professional hardware solution for efficient field meter operations.



## HandHeld Unit Specification:

|                         |                       |                                                                                                        |
|-------------------------|-----------------------|--------------------------------------------------------------------------------------------------------|
| Performance             | Processor             | 2.0 GHz octa-core 64-bit processor                                                                     |
|                         | Operating System      | Android 11 (64-bit) or newer                                                                           |
|                         | Memory                | RAM: 4GB ROM: 64GB                                                                                     |
|                         | Interface             | Type-C 2.0 OTG; support Audio via USB Type-C or via optional 3.5mm adapter                             |
| Physical/<br>Electrical | Dimensions            | 157 × 76.3 × 12.6mm                                                                                    |
|                         | Weight                | 231g (including battery)                                                                               |
|                         | Display               | 5.7" (1440×720) 18:9 multi-point capacitive touch screen                                               |
|                         | Keypad                | 5 keys (side keys included)                                                                            |
|                         | Notification          | Vibration, speaker and multi-color LEDs                                                                |
|                         | Battery               | 3.8V, 4800mAh                                                                                          |
|                         | Camera                | Front camera: 2 megapixels, fixed focus<br>Rare camera: 13 megapixels, auto focus, with LED flashlight |
|                         | GPS                   | GPS / GLONASS                                                                                          |
|                         | Expansion             | Micro SD card (max. 128GB) slot                                                                        |
|                         | AC Adapter            | Quick charger (Output: DC5V/7V/9V, 1.67A Input: AC100~240V, 50~60Hz)                                   |
|                         | Card Slots            | Nano + Nano or Nano + TF                                                                               |
|                         | Fingerprint Reading   | Supported                                                                                              |
|                         | Scanner               | 1D or 2D Barcode scanner option                                                                        |
|                         | Multi-Media           | Microphone, speaker, type-C earphone, FM.                                                              |
|                         | Sensors               | Light & Proximity sensor, accelerometer sensor, magnetic sensor, gyroscope sensor                      |
| Environmental           | Operating Temperature | -20°C to 50°C (-4°F to 122°F)                                                                          |
|                         | Storage Temperature   | -30°C to 60°C (-22°F to 140°F)                                                                         |
|                         | Humidity              | 5% to 95% (non-condensing)                                                                             |
|                         | Static Discharge      | ±12 kV (air discharge), ±8 kV (direct discharge)                                                       |
|                         | Drop                  | 1.22m drops to concrete (MIL-STD-810G)<br>1.5m drops to concrete (GB/T 2423.8-1995 PART2)              |
|                         | Sealing               | IP67                                                                                                   |

## Communication:

|            |                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WLAN RADIO | IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz                                                                                                                                                             |
| WWAN RADIO | 2G: GSM/GPRS/EDGE (850/900/1800/1900MHz)<br>3G: WCDMA (B1, B2, B5, B8); CDMA 1X/EV-D0 (BC0) ; TD-SCDMA (B34, Band39)<br>4G: TD-LTE (B38, B39, B40, B41); FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28) |
| WPAN RADIO | Bluetooth 5.0                                                                                                                                                                                       |
| NFC        | ISO14443A/B, ISO15693, ISO18000-3, MIFARE, FeliCa RF, Kovio, NFC Forum Type 1-4 Tags                                                                                                                |

## Software Features:

|                        |                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design                 | Slim 12.6mm thick from front to back, the slim ergonomically designed body                                                                                                              |
| Versatile Connectivity | Dual-band 802.11 a/b/g/n/ac Wi-Fi and 2G/3G/4G support, this terminal can stay connected both indoors and in the field.<br>A dual SIM option                                            |
| Battery Life           | Equipped with a 4800mAh battery, supplemented by a low power design.<br>Supports fast charging with a Type-C port.                                                                      |
| Language               | Support Multi-Languages including, English, French, Spanish etc.                                                                                                                        |
| Protocol               | IEC1107<br>IEC62056                                                                                                                                                                     |
| Compatibility          | Supports Android 5.0 and above                                                                                                                                                          |
| Channel                | USB-OTG : Optical cable / Dongle-RF / Dongle-Lora<br>Bluetooth : Classic Bluetooth / Bluetooth-RF                                                                                       |
| Security               | Identification: APP registration, Account password login<br>Communication: Hardware certification, High, Low-level security<br>File processing :AES encryption, Transmission encryption |
| Customizable           | Multi language, Encryption, Export file template, Module function                                                                                                                       |
| Users                  | Level: Admin, Operator<br>Authorization : Read, Set, Update<br>Management: Create, Delete                                                                                               |

## Dimensions & Weight:



Screen Size:  
5.7"



76.3mm

157mm



12.6mm



Weight:  
2.3kg