



FIELD ENGINEERING TOOL

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/ 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 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) 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) 3G: WCDMA (B1, B2, B5, B8); CDMA 1X/EV-D0 (BC0) ; TD-SCDMA (B34, Band39) 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. A dual SIM option
Battery Life	Equipped with a 4800mAh battery, supplemented by a low power design. Supports fast charging with a Type-C port.
Language	Support Multi-Languages including, English, French, Spanish etc.
Protocol	IEC1107 IEC62056
Compatibility	Supports Android 5.0 and above
Channel	USB-OTG : Optical cable / Dongle-RF / Dongle-Lora Bluetooth : Classic Bluetooth / Bluetooth-RF
Security	Identification: APP registration, Account password login Communication: Hardware certification, High, Low-level security File processing :AES encryption, Transmission encryption
Customizable	Multi language, Encryption, Export file template, Module function
Users	Level: Admin, Operator Authorization : Read, Set, Update Management: Create, Delete

MobiLynk

Dimensions & Weight:



Screen Size:
5.7"



157mm

76.3mm



12.6mm



Weight:
2.3kg

EDMP

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