

# MeterLink

Customer Interface Unit

The **MeterLink** is a handheld **customer interface unit (CIU)** designed for end users to interact with energy meters using the **DLMS/COSEM** protocol and operate in compliance with **STS/CTS standards**. It enables monitoring of energy consumption and supports prepayment activities. With a slim, lightweight, and durable design, it offers mobility and resilience in various environments, displaying DLMS energy parameters and alarm statuses via keypad input.



CONSUMER DEVICE



DLMS<sup>®</sup>



STS COMPLIANT



MULTIPLE ALARMS



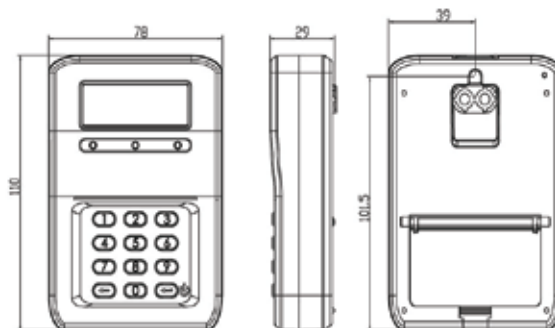
REMOTE UPGRADE



## Technical Specification:

<b>Rated voltage</b>	Micro USB supply or Two sections of 7 battery supply
<b>Operating voltage range</b>	DC 5 V $\pm$ 0.5V(USB) or DC 3V (battery)
<b>Temperature</b>	Normal Operation range: -25°C to +55°C Limit operation range: -35°C to +65°C Limit range for storage and transport: -40°C to +70°C
<b>Power Consumption</b>	Voltage circuit (active): $\leq$ 2 W Voltage circuit (apparent): $\leq$ 5VA
<b>Electromagnetic Compatibility</b>	Electrostatic Discharges: Contact 8kV, air 15kV Fast transient burst: USB power cord coupling group of pulses: 1kV
<b>Protection class</b>	IP51
<b>Lifetime</b>	$\geq$ 10 years
<b>Short Code Function</b>	<ul style="list-style-type: none"><li>• Query data and display</li><li>• Relay test, active overdraft and so on</li></ul>
<b>Status Indication</b>	<ul style="list-style-type: none"><li>• LED, buzzer indication</li><li>• Buzzer alarm can be interrupted by keypad</li></ul>
<b>LCD Display</b>	<ul style="list-style-type: none"><li>• Large digit LCD display, easy for reading</li><li>• Display readable without main power</li><li>• LCD backlights to increase readability in low light conditions</li><li>• Flexible display mode</li></ul>
<b>Token Input</b>	<ul style="list-style-type: none"><li>• Support enter 20 digits token by keypad</li></ul>
<b>Communication</b>	<ul style="list-style-type: none"><li>• Communicate with MCU via RF or PLC module</li><li>• Communication distance more than 150 meters</li></ul>

## Diagram



EDMP

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