Joymeter

Make It Easy

CIU1
Customer Interface Unit

CE MID KEMA LoRa STS ASSOCIATION TÜV SÜD dlms COSEM Compliant OMS CMS ISO ISO9001 M-Bus wireless
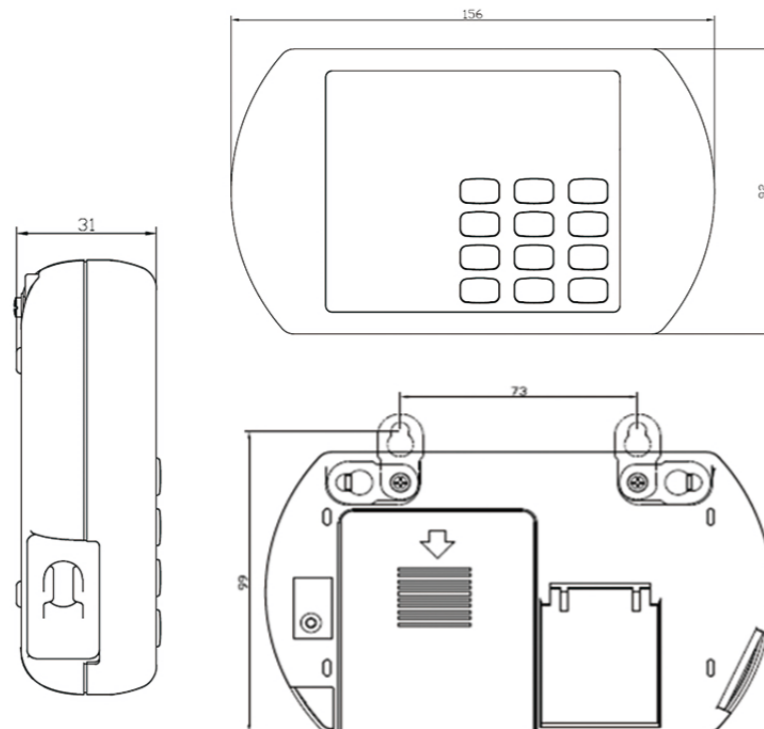
DESCRIPTION

The CIU1 is a compact unit with a friendly keypad and display. It can be installed in any convenient location inside the house.

It operates independently and is immune to any form of tampering on the customer interface unit.

FEATURES

- Enlarged LCD
- Rubber keypad
- Operation with audible and text feedback
- Adjustable audio and visual low credit warning level
- Option of AC power or alkaline or lithium batteries
- Optional power plug types

TECHNICAL SPECIFICATIONS

Item	Parameter
Application Range	Compatible with JOY121MP, JOY211MP, JOY311MP etc.
Working Voltage	230V, 4AAA batteries are reserved when power supply off
Operating Range	70% to 130% of Un
Frequency Range	50/60Hz
Communication Type	PLC
Communication Distance	>200m
LCD	8 digits + icons + 2 digits (index)
	Size: 70mm x 30mm
LCD Displays	Synchronize automatically with the connected electricity meter
Pulse LED	1000 imp/kWh
Credit LED	low credit alarm with blinking
Buzzer	Feedback on key press
	Token accept or reject
	Low credit alarm
Installation	Indoor wall-mounted
Insulation Classification	Double insulation
Operating Temperature	-30°C - 60°C
Storage Temperature	-40°C - 70°C
Relative Humidity	≤ 95%;annual mean 75%
User Interface	12 keys, international outlay standard with 0-9 numeric key, backspace and enter key
	Anti-oxidative gold plated keypad
Multiple CIU location	Free standing or wall mounted
Connection Type	Power line cable with customized plugs
IP Rating	IP51
Product Life	15 Years
Weight	106g
Dimension	156mm x92mm x 31mm