Innovative metering solutions
wCBU(09) range

Another innovation in the wireless metering world, the wCBU (wireless Common Base Unit) has taken the industry by storm. The wCBU unleashes the opportunity for utilities to enjoy all the benefits of wireless split metering, without the challenge of removing existing common base meters. A cost effective solution, the wCBU is ideal for retrofit applications. The common wall base allows for quick and easy installation together with a large LCD screen and integrated keypad for effortless use. The wCBU PE version has a built in earth leakage and test button, providing protection through a (20A) double pole circuit breaker ideal for low cost housing projects.

The wCBU provides enhanced protection against tampering as the device is an interface to the split meter and will be installed in the consumer premises, whilst the meter is located externally in a street kiosk or pole top box for example. Standard consumer requirements are supported through the unit, the LCD display allows consumers to monitor consumption and the tactile keypad can be used to input credit tokens as well as meter short codes .

Features

> Available with built-in 20A earth leakage protection for added prtotection

> Quick and easy installation

> Typical battery life in excess of 10 years

We see a world where we can all achieve more while using less

We help utilities maximise their service delivery

Our products, solutions and services are simple, efficient and innovative

CONLOG
Solutions for utilities

Product specifications

Electrical ratings

Battery type	Lithium
Typical battery life	In excess of 10 years, based on normal operating conditions
Max current (A) (Imax)	**ECU/PE** **ED/PL**
	20A Split meter dependant
	Typically 100A

Displayed Information

Status of consumer's AC supply
Available credit
Low credit warning
Token accept / reject
Previously entered STS tokens
Meter status register
Variety of consumption data

Display

Number of digits: 7 major / 3 minor

Type: Liquid crystal display

Keypad

Columns x rows	3 x 4
Key press feedback	Tactile / silicon rubber keys
Accessibility	Visually impaired friendly

Audible feedback

Key presses
Token acceptance / rejection
Low credit warning

Environmental

Operating temperature	-10°C to +55°C
Storage temperature	-25°C to +70°C
Humidity	95% non-condensing
IP rating	IP51 (ECU/PE) / IP54 (ED/PL)

Installation

Footprint	Common wallbase
Insulation class	Double insulation

Communication

RF type: 433.05MHz to 434.790MHz (SRD band within the 10mW)

RF communication distance

Line of sight	Up to 100m
Built up environment	Up to 50m

Security

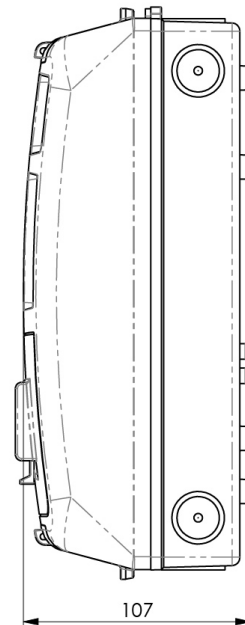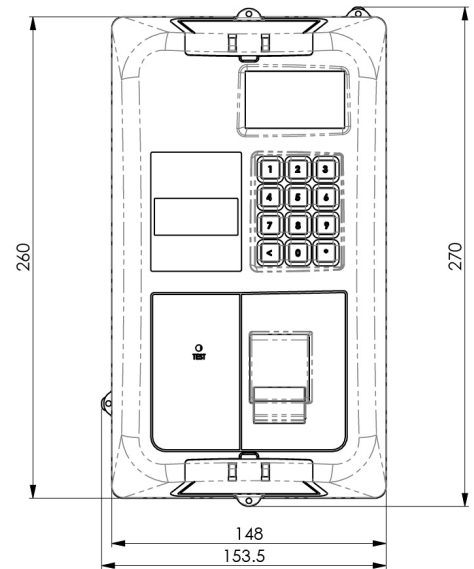|	
Built up environment	Provision for lead seals or wire seals, coupled with supplied blue security clips

Standards

IEC 61000-4-2	ISO 14001
IEC 61000-4-3	ISO 9001
IEC 61000-4-4	OHSAS 18001
IEC 61000-4-5	CISPR 22
IEC 60950-1	SANS 767-1 (PE version)
SANS 300 220-1 / ETSI EN300 220-1	

For packaging information, kindly contact Conlog.