

No strings attached

wCIU range

Traditionally split meters have required hard wiring between the metering device and user interface keypad. Now, with Conlog's wireless user interface unit (wCIU), radio frequency is used between the devices, making installation simpler, better and faster. In addition, through the use of multichannel RF (radio frequency), users are assured of a working solution with no interference, that can operate comfortably up to 150 metres. An added benefit is that the wCIU is fully compatible with Conlog's extensive range of split meters.



Features

- > Multichannel Radio Frequency communication
- > ISM license free band
- > 433MHz Range
- > Alkaline batteries
- > Quick and easy to install and use
- > Reduced installation costs
- > Tactile keypad with audible feedback
- > Operates on open (ISM) band
- > Maximum Effective Radiated Power (ERP) of 10mW



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

Product specifications

Electrical ratings

Battery size (Alkaline)	AA
No. of batteries required	2
Battery voltage	1.5V
Operating voltage range	1.8V to 3V
Typical battery life	3 years

Customer displayed information

Status of consumer's AC supply
 Available credit
 Low credit warning
 Token accept / reject
 Previously entered STS tokens (meter dependant)
 Meter status register
 Range dependent on environment and installation

Displays

Number of digits: 7 major / 2 minor
 Character height: 15mm / 7mm
 Type: Liquid crystal display
 Viewing area: 53mm x 30mm
 Enunciators: 6 icons and 10 segment bar graph

Keypad

Columns x rows: 3 x 4
 Key press feedback: tactile / silicon rubber keys
 Accessibility: visually impaired friendly

Audible feedback

Key presses
 Token and short code acceptance / rejection
 Low credit warning

ICASA approval

TA-2009/565

Environmental

Operating temperature	-10°C to +55°C
Storage temperature	-25°C to +70°C
Humidity	95% non-condensing
IP rating	IP 52
RF immunity	30V/m
Manufacture	Pb (Lead) free

Installation

Insulation class Double insulation

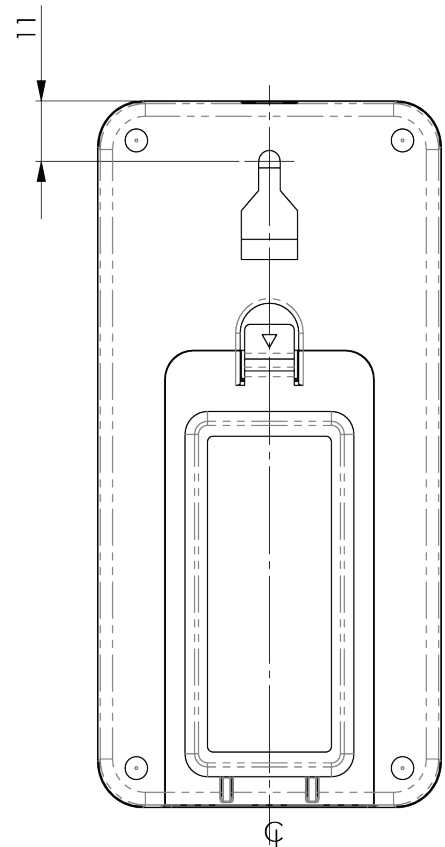
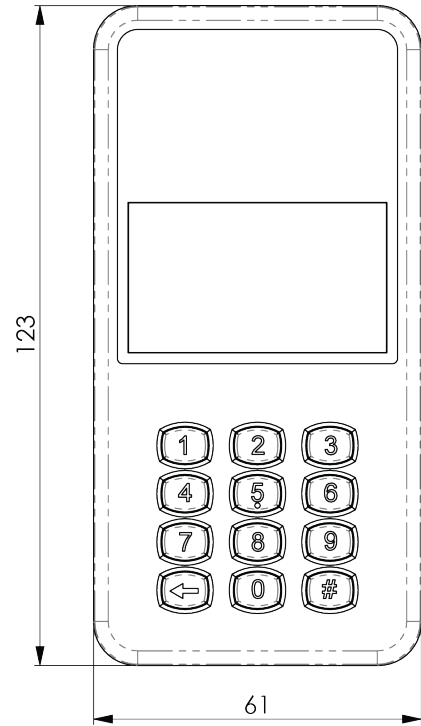
Standards

IEC 61000-4-2
 IEC 61000-4-3
 IEC 61000-4-4
 IEC 61000-4-5
 IEC 60950-1
 CISPR22 Class B

Packaging

Units per carton	10
Packed box dimensions	185mm x 135mm x 150mm
Weight	0.1755kg packed weight (175.5g)

For further packaging information, kindly contact Conlog



Conlog

P O Box 2332, Durban, 4000, South Africa
 Tel +27 (31) 268-1111 Fax +27 (31) 268-1500
 www.conlog.com
 info@conlog.com