

# No strings attached

## wUIUX range

Traditionally split meters have required hard wiring between the metering device and user interface keypad. Now, with Conlog's wireless user interface unit (wUIU), 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 wUIU 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
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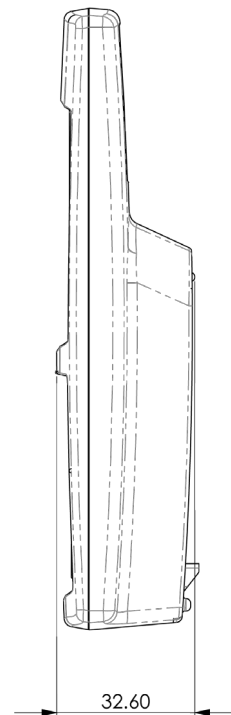
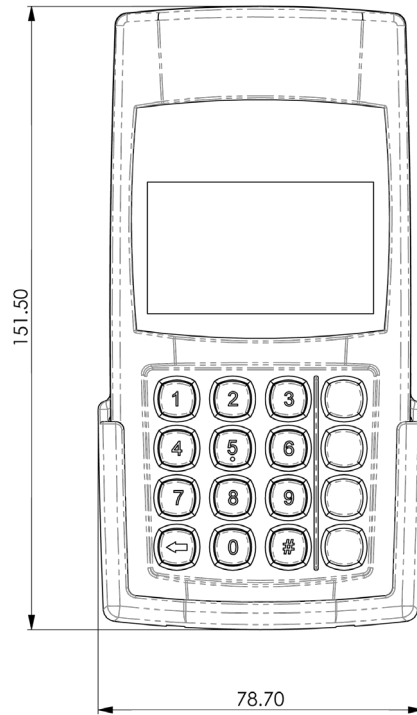
## Standards

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	305mmx90mmx85mm
Weight	0.500kg packed weight (500g)

For further packaging information, kindly contact Conlog



## Conlog

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