

# Roaming without limits

## Wireless Field Service Terminal (wFST)

Conlog's wireless Field Service Terminal (wFST) puts convenience in your hands. The small handheld device is packed with features, such as the ability to undertake remote meter readings and interrogation, without ever having to access the meter. The device can distribute STS tokens to a meter, whilst maintaining a full log of all acceptance or rejection commands, for audit purposes. Another key feature is the ability to push GPS co-ordinates to a meter for improved asset control and record keeping. The wFST is versatile in that it serves as an RF modem when connected to a PC or laptop. With a built-in onboard memory, data can be downloaded from the meter and uploaded to the back end system.



### Features

- > Remote meter reading
- > Extensive diagnostics and interrogation functions
- > GPS logging of meters for asset management
- > Complete log of activities
- > Extensive battery life, with rechargeable battery
- > STS compliant



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 type	Li Po (Lithium Polymer) > 1.8Ah Rechargeable
Battery voltage	3.6V
Operating voltage range	3.3V - 4.2V
Typical battery life	8 - 96 hours battery usage dependant

## Display

Dot matrix 64 x 128

Type LCD display

## Charging options

Micro USB cable (PC)  
Micro USB mains charger (230V)  
Micro USB

## Keypad

Columns x rows 4 x 4  
Key press feedback Yes

## Audible feedback

Yes

## Communication

RF: 433.05 MHz to 434.790 MHz < 10mW ERP

## RF communication distance

~ 100m

## Environmental

Operating temperature	-10°C to +55°C (ambient temperature)
Storage temperature	-25°C to +75°C
Humidity	75% annual mean
IP rating	IP30
Impact rating	IK2
Altitude	Can operate at an altitude of up to 3500m

## Interface

Micro USB

## Antenna

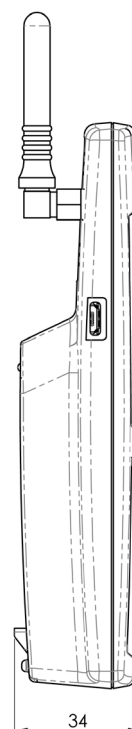
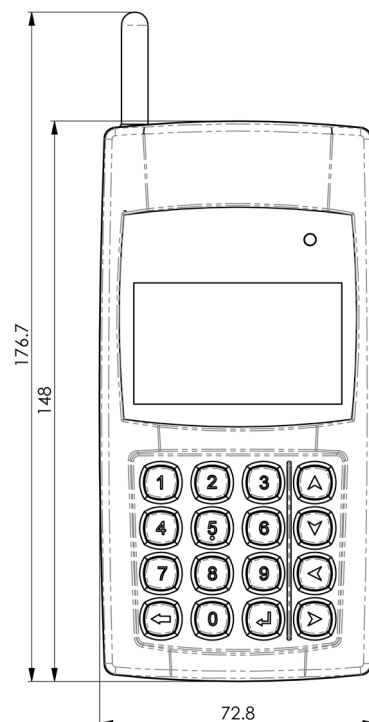
External 434 MHz stubby Antenna

## Standards

IEC 61000-4-2	IEC 61000-4-3	IEC 60950-1
IEC 62051	IEC 62056-21	IEC 62055-52
STS 101-1	DSP34-1635	NRS 049-1:201
ISO 14001	ISO 9001	OHSAS 18001
CISPR22	SANS 60950	SANS 474/NRS 057
SANS 62055-51/ IEC 62055-51		
SANS 62056-21/ IEC 62056-21		
SANS 62055-41/ IEC 62055-41		
SANS 60529/ IEC 60529		
SANS 300 220-1/ETSI EN 300 220-1		

## Packaging

Units per box	1
Total weight (incl. box)	250g



## Conlog

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