ACTARIS

Easyco

Handheld Solution for Mobile Meter Reading

Features

▶ Outstanding Reading Distance

▶ Excellent Display

▶ Ergonomic Route Software

▶ Compact Size

▶ **Easyco S version, numeric keyboard**

Meter Reading

Easyco is the Actaris solution for mobile meter reading using a compact & rugged radio handheld and advanced EasyRoute Mobile meter reading software. Leading the market in performing manual or radio meter reading of water, heat & gas meters.

It offers analysis and control of enhanced radio reading data at a glance. Providing permanent and efficient assistance to meter readers in their everyday task

Ergonomic

The ergonomic design of the hand held terminal was developed to provide field readers with maximum comfort:

- Low weight
- Portable size
- Display sunlight readable
- Colour touch screen
- Numerical Keyboard

Ruggedness

The rugged design of Easyco is suited for harsh outdoor environments. Rated at IP65, protected against dust & water sprayed from all directions.
Easyco resist 1,5m drops on concrete

Software

Easyco uses Actaris EasyRoute Mobile route software to optimise radio reading

- Uploading / Downloading routes from / to the host computer
- Programming of all Actaris radio meter modules
- Fast group reading via polling mode
- Graphical display of all enhanced data such as fixed date readings, leakage & backflow data, alarms, consumption profile,...

▶ **Protection case for Easyco**
  – Integrated touch pen
  – Screen protection cover
  – Belt clip

▶ **Cradle for charging and USB communication**

▶ **Graphical menu**

Robustness
Easyco has been developed for real outdoor use, with the integrated radio board it is resistant to rain, water splash and 1,5m drops on concrete.

Radio
The integrated radio interface assures best reading distance since the antenna is always in a defined and optimal position during the reading process, also it requieres no additional wires, batteries or communication protocols (BlueTooth). An external magnetic car antenna can be connected in order to increase the reading distance and comfort.

Performance
Easyco has a large memory capacity to store reading data of more than 4000 radio meters. Battery charging can be managed via:
• Cradle
• Direct charger
• Cigarette lighter
• Car mount

The integrated software and reading data is stored in the flash memory avoiding the risk of lost reading data.

Compatibility
Easyco is compatible with radio meter reading & configuration of
• Cyble RF
• Pulse RF
• Static heat & water meter option boards
• R433 Gas meter module

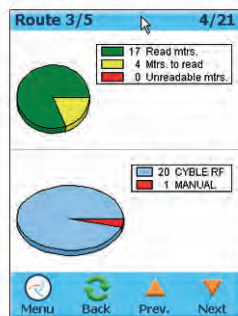*please refer to specific leafleat

Integrated Softwares
With Easyco Actaris is offering two new softwares using the graphical features of Windows CE
• EasyRoute Mobile – dedicated to manual and radio meter reading
• RFCT software to configure the radio meters
Both softwares explore all available enhanced reading data of the radio meters such as leakage, backflow, fix date reading, consumption profile, alarms etc...
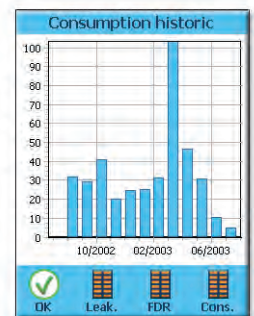
Key features of EasyRoute Mobile
• Managing routes / sub routes with more then 4000 meters
• Graphical display of enhanced reading data
• Configurable user rights with multiple password levels (reader, operator, administrator)
• Fast group reading via polling mode
• Configurable default programming parameters for each radio module type
• High / low consumption alarms
• Graphical display of route statistics
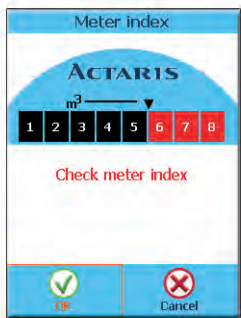

▶ Graphic statistics

▶ List of the subscriber
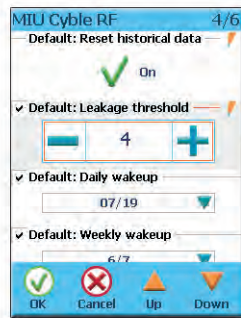

▶ Consumption historic

RFCT : Configuration software

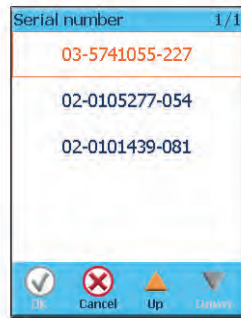Programming of all Actaris radio meter modules and option boards
- Configurable user rights with multiple password levels (reader, operator, administrator)
- Configurable default programming parameters for each radio module type
- Display of all historical data & alarms
- Back up of the configuration data

▶ Meter index

▶ Configurable default parameters

▶ Recall 10 last used serial numbers

EasyRoute Mobile and RFCT have been developed by Actaris with more than 10 years of expertise in mobile meter reading applications.
The ease of use, flexibility and reliability had highest priority in the development process.

Application

▶ Cyble RF on water meter

▶ Ultra sonic Heat & Water meter with radio option

▶ Pulse RF

▶ **Easyco version C,**
 alphanumercial keyboard

Operating conditions

– Operational temperature :
  –10° to +50°C
– Storage temperature:
  –25°C to +60°C
– Shock resistance (without protection
  case) 1,5m on concrete
– IP 65

Approvals

– ISO 9001
– CEM
– FCC / class B
– ROHS

Technical Specification

▶ Terminal type
 PSION WORKABOUT PRO G2

▶ Processor/ Operating system
 – Intel™ Xcale™ PXA270, 520 MHz
 – WIN CE.Embedded

▶ Memory
 – 128 MB Flash
 – 128 MB RAM

▶ Display
 – Full VGA 640 x 480 TFT
 – Touch screen with backlight

▶ Keyboards
 Version S   Version C
  – 25 keys   – 52 keys
  – Numerical   – Alphanumeric
  – Backlight   – Backlight

▶ Power management
 – ON/OFF key, automatic suspend
   mode
 – Battery Lithium–Ion 4000 mAh
   rechargeable

 – Rechargeable backup battery

▶ Communication
 – Cradle for USB communication and
   battery charging
 – BlueTooth Class II

▶ Radio Frequency
 – Integrated interface for radio meter
   reading,
 – RADIAN protocol compatible
 – 433,82 MHz
   Modulation: FSK
 – ERP ≤ 10mW

▶ Weight & Dimensions
 Version S   Version C
  – Lenght : 190 mm   – 220 mm
  – Widht : 100 mm   – 100 mm
  – Depth : 45 mm   – 45 mm
  – Weight : 765 g   – 830 g

Accessories

▶ Magnetic car antenna

▶ Car charger

▶ Vehicle mount

For more information, please contact your local agency