

AnyQuest Handheld

Handheld Solution for Mobile Meter Reading



AnyQuest Handheld is the Itron solution for mobile meter reading using a compact & rugged radio handheld and advanced AnyQuest Mobile meter reading software. Offering analysis and control of enhanced reading data at a glance. Providing permanent and efficient assistance to meter readers in their everyday task.

FEATURES AND BENEFITS

- » Outstanding Reading Distance
- » Excellent Display
- » Ergonomic Route Software
- » Compact Size

Ergonomic

The ergonomic design of the AnyQuest Handheld was developed to provide field readers with maximum comfort:

- » Low weight
- » Portable size
- » Display sunlight readable
- » Stylus free touch screen
- » Numerical Keyboard

Ruggedness

The rugged design of AnyQuest Handheld is suited for harsh outdoor environments. Rated at IP65, protected against dust & water sprayed from all directions.

AnyQuest Handheld resist 1,8m drops on concrete.

Software

AnyQuest Handheld includes Itron AnyQuest mobile meter reading software to optimise radio reading

- » Uploading / Downloading routes from / to the host computer
- » Programming of all Itron 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,...

Robustness

AnyQuest Handheld has been developed for real outdoor use, with the integrated radio board it is resistant to rain, water splash and 1,8m 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 requires 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

AnyQuest Handheld 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 AnyQuest mobile software and all reading data are stored in the flash memory avoiding the risk of lost reading data.

Compatibility

AnyQuest Handheld is compatible with radio meter reading & configuration of

- » AnyQuest & EverBlu Cyble Enhanced
- » Pulse RF
- » Static heat & water meter option boards

* please refer to specific leaflet

Integrated Softwares

With AnyQuest Handheld Itron is offering two new software:

- » AnyQuest Mobile - dedicated to manual and radio meter reading
- » RFCT software to configure the radio meters

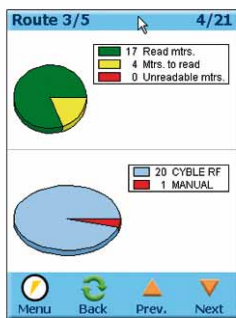
Both software explore all available enhanced reading data of the radio meters such as leakage, backflow, fix date reading, consumption profile, alarms etc...

Key features of AnyQuest Mobile

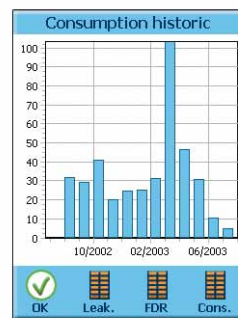
- » Managing routes / sub routes with more than 4000 meters
- » Graphical display of enhanced reading data
- » Configurable user rights with multiple password levels (reader, operator, administrator)
- » Fast group reading via polling mode
- » High / low consumption alarms
- » Graphical display of route statistics



Graphical menu



Graphic statistics



Consumption historic

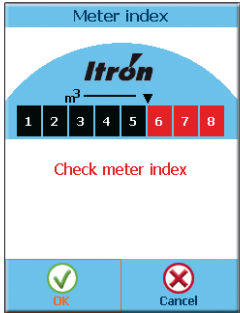
| Subscriber Name |
|--|
| CHATEAU GARNIER 1550 A. C. DE GAULL |
| CARREFOUR 1ERE ARMEE |
| PAQUIER ST ANTOINE |
| PISCINE AV P. DE COUBERTIN |
| TERRAIN DE FOOT AV P. DE COUBERTIN |
| TERRAIN DE FOOT NORD HONNEUR |

List of the subscriber

RFCT : CONFIGURATION SOFTWARE

Programming of all Itron radio meter modules and option boards

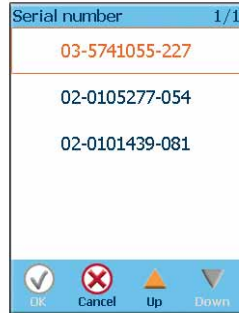
- » Configurable user rights with multiple password levels (reader, operator, administrator)
- » Configurable default programming parameters for each radio module type and meter profile
- » Display of all historical data & alarms
- » Back up of the configuration data



Meter index



Configurable default parameters

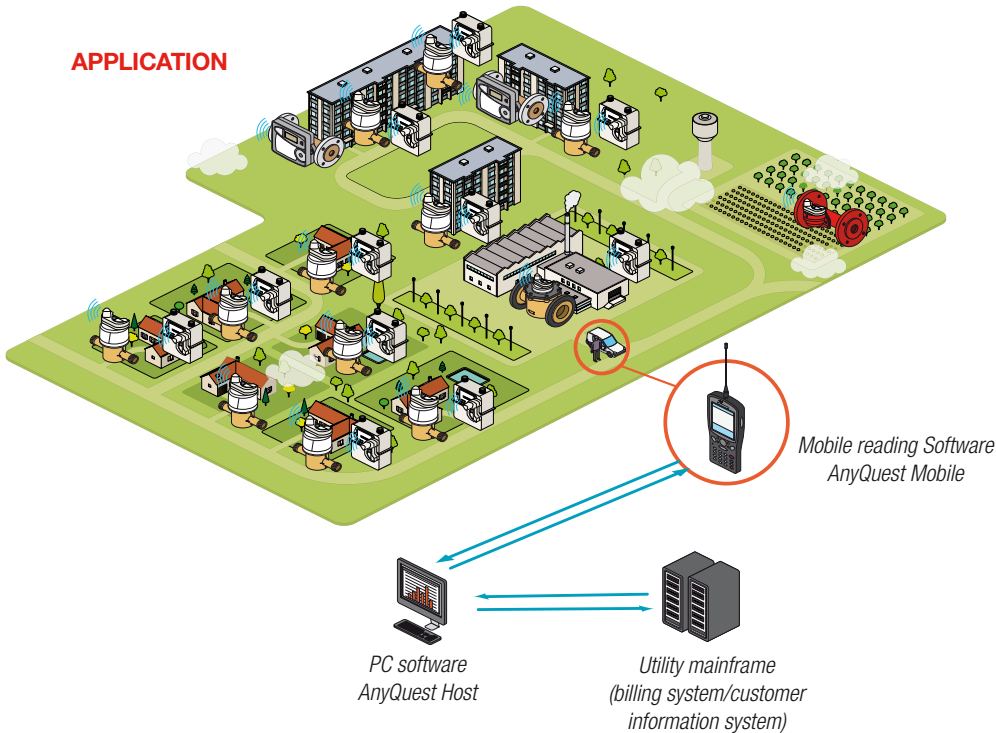


Recall 10 last used serial numbers

AnyQuest Mobile and RFCT have been developed by Itron 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



Technical Specification

| | |
|-----------------------------|---|
| Terminal type | PSION WORKABOUT PRO G3 |
| Processor/ Operating system | - Intel TM Xscale™ PXA270, 624 MHz - WIN CE.Embedded |
| Memory | - 256 MB RAM - 1 GB Flash |
| Display | - Full VGA 640 x 480 TFT - Touch screen with backlight |
| Keyboards | |
| Version S..... | - 31 keys / Numerical / Backlight |
| Version C..... | - 55 keys / Alphanumeric / Backlight |
| Power management | - ON/OFF key, automatic suspend mode - Battery Lithium-Ion 4400 mAh rechargeable - Autonomy : 8h day shift, 4000 radio reads |
| 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 - Line of sight reading distance > 1,5km |
| Weight & Dimensions | |
| Version S..... | Length : 200 mm / Width : 100 mm / Depth : 52 mm / Weight : 765 g |
| Version C..... | Length : 223 mm / Width : 100 mm / Depth : 52 mm / Weight : 830 g |

AnyQuest Handheld version C,
alphanumeric keyboard



Magnetic car antenna



Car charger



Vehicule mount



Protection case for AnyQuest Handheld

- > Integrated touch pen
- > Screen protection cover
- > Belt clip



Cradle for charging and USB communication

Operating conditions

- > Operational temperature :
-10° to +50°C
- > Storage temperature:
- 25°C to +60°C
- > Shock resistance (without protection case)
1,8m on concrete
- > IP 65

Approvals

- > ISO 9001
- > CE
- > FCC / class B
- > ROHS



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