

MULTITERM Pro

Hand-held terminal for reading of supply meters

Radio, optical or manual reading

Clear display of route status

Rugged design

Fast and secure data transfer



Function

Radio, optical or manual reading

MULTITERM Pro is the newest hand-held terminal from Kamstrup with integrated RF Link. MULTITERM Pro is customised for the field worker responsible for reading electricity, heat, cooling and water consumption, whether by radio, optical eye, or manual data entry.

With MULTITERM Pro, it is possible to read all Kamstrup heat, cooling, electricity, and water meters and in addition meters of third parties.

Clear display of route status

In MULTITERM Pro, you have the possibility of storing up to 10 routes with a total of 3500 meters in the memory in advance and to choose a single route through the user-friendly colour touch screen display. This large display provides an overview of the status of all available routes including street names and the chosen route/street.

Furthermore, the display shows you the status of each meter of the current route/street clearly stating meter number, name, address, and meter type.

Finally, all meter data such as reading time, max power/flow, energy, and volume are displayed.

Rugged design

MULTITERM Pro is based on the WORKABOUT PRO from Psion Teklogix and is equipped with a large colour touch screen display and a numeric keyboard. MULTITERM Pro is both water, shock and temperature resistant and can thus withstand changeable weather conditions.



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Function

Fast, easy, and secure data transfer

With MULTITERM Pro and the included PC programme, it is possible to specify exactly which registers to read and thereby reducing the reading time. Dependent on the size of the data packet, it takes 2 to 5 seconds to read module data and 10 to 20 seconds to read meter data.

If the hand-held terminal runs out of power, your data will be stored automatically. In this way, no data will be lost.

Finally, the docking station enables you to transfer data easily and quickly from MULTITERM Pro to the PC.

Hardware

MULTITERM Pro is based on WORKABOUT PRO from Psion Teklogix configured with Windows Mobile and rated at IP54.

Technical data

MULTITERM Pro is available with

- The hand-held terminal WORKABOUT PRO from Psion Teklogix
- Kamstrup MULTITERM Pro software
- 4000 mAh lithium-ion battery
- Kamstrup RF Link
- Antenna
- Handstrap

Accessories

- Docking station
- USB cable for transferring data to PC
- Power cable
- Optical eye with USB cable
- Software plug-in for reading meters of third parties
- Cradle for vehicle mount

Electrical data

- Supply: 4000 mAh lithium-ion battery
- EMC: FCC Part 15 Class B
- Backup: Rechargeable backup battery
- Memory: 128 MB Flash, 128 MB RAM
- Protocols: IEC1107/RS232, Kamstrup protocol
- Operating system: Windows Mobile 6

Mechanical data

- Total weight: 632 g
- Size: 260 x 100 x 45 mm (without antenna)
- Density: IEC 529, rated at IP54
- Humidity: 5-95%, non-condensing
- Storage temperature: -25 - +60°C
- Operating temperature: -10 - +60°C

It is equipped with a colour touch screen display and a complete keyboard.

Reading of log values

The optical eye enables the MULTITERM Pro to read data loggers in all MULTICAL® calculators. Furthermore, you can see the values on the display and export them to Excel.

Update of meter with MULTITERM Pro

With MULTITERM Pro you can among other things update the date, time, and customer number of the meter via the optical eye or cable.

MULTITERM Pro reads the following Kamstrup meters

- Heat
 - MULTICAL® 801
 - MULTICAL® 601
 - MULTICAL® 66-CDE
 - MULTICAL® 401
 - MULTICAL® III
 - MULTICAL® Compact
 - MAXICAL III
 - 9EVL
 - 10EVL
 - 11EVL
- Cooling
 - MULTICAL® 801
 - MULTICAL® 601
 - MULTICAL® 66-CDE
- Electricity
 - Kamstrup 382DIN
 - Kamstrup 382BCDE
 - Kamstrup 162BCDE
 - Kamstrup 382
 - Kamstrup 162
 - Kamstrup 351
 - Kamstrup 351A
- Water
 - MULTICAL® 41
 - MULTICAL® 61

