NEPTUNE ®

Neptune Technology Group Inc.

DAP PC9300
Handheld Computer

The PC9300 handheld computer works with route management software to provide a complete meter reading solution with advanced functions for water utilities.

Key Features

- **With addition of HR2330 adaptor, capable of reading R900 RF MIUs, Advantage, and Pocket ProReader RF for integration of encoder water meters**

- **PC compatible**

- **Rugged for harsh enviornments**

- **Easy to operate**

- **Ergonomically designed**

- **Compatible with RouteMAPS or EZ RouteMAPS for route management software**

- **Lightweight**

- **Compact design**

The PC9300 handheld computer combines a rugged design with state-of-the-art technology. The result is a handheld computer that is easy to use and performs well in harsh environments.

As an integral part of the Neptune meter reading system, the PC9300 works with RouteMAPS® or EZ RouteMAPS route management software to provide a complete meter reading solution. Its features and durable construction are perfectly suited to address meter reading applications and to read encoder registers via cordless probes or R900 RF technology.

Unmatched Ease of Use

The unit weighs 1.8 pounds (800 grams) and has ergonomic ridges in the molded casing. This thoughtful design makes the PC9300 comfortable to carry for extended periods of time.
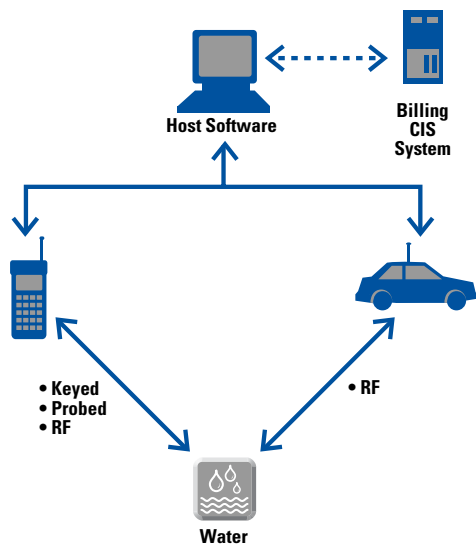
Although the unit is compact, the keys are large enough to be used with a gloved hand. The positive audible and tactile response of the keystrokes provides feedback to the user, reducing input errors.

Rugged design and software compatibility make the PC9300 today's solution for tomorrow's utilities.

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Host Software

Billing CIS System

- **Keyed**
- **Probed**
- **RF**

- **RF**

Water

Dimensions

- Height: 1.53" min., 2.25" max (39 mm min., 57 mm max.)
- Width: 3.8" (97 mm)
- Length: 9.8" (249 mm)

Weight

1.8 lb. (800 g)

Temperature

- Specified: -4°F to +122°F (-20°C to +50°C)
- Operating: -22°F to +122°F (-30°C to +50°C)
- Storage: -40°F to +158°F (-40°C to +70°C)
- Humidity: 95% non-condensing

Environmental Resistance

- Resistant to various chemical products
- Sealed to keep out dust, humidity, and water
- Shock resistant: withstands electrostatic discharge

Certificates

- EMI/RFI meets various MIL-STD-810E, FCC, CE certification
- ISO 9001

Accessories

- Shoulder strap included
- Optional in-vehicle charging kit

Technical Specifications

- Memory
  - Flash ROM memory for BIOS, DOS, communication and, SETUP, user's application programs: 512 KB
  - Total RAM memory 2 MB
- Operating System
  - MS-DOS® Version 5.0, ROM
- Processor
  - Chips and technologies: F8680A CMOS
  - Fully 80C86 compatible
  - Norton Utilities SI Benchmark = 7.7
  - 286 class performance

- Display
  - LCD, dot-matrix, 200 x 200 pixels (40,000 pixels), FSTN, backlighted screen
  - CGA-compatible text and graphics
  - 12, 16 or 25 lines of 25 characters — user selectable fonts only with RouteMAPS
  - Automatic contrast temperature compensation
- Keyboard
  - 47 multifunction keys, fully PC compatible, programmable
  - Alphanumeric keys with independent numeric keyboard
  - Audible and tactile feedback, programmable auto-repeat
- Power
  - 3 single A type rechargeable NiMH batteries
  - Accepts 3 AA alkaline batteries for emergency situations
  - Sophisticated power management, intelligent fast charge (5 hours maximum)
  - Separate lithium battery (providing for long data retention)
  - ON/OFF switch, manual and automatic turn-off
  - Integrated deep discharge system
- Communication
  - Optical DAP infrared port for communication through cradle up to 28.8 bps
  - LEMO-type connector for RS-232 communication

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