ROADRUNNER® X7-CX
Handheld Field Computer

The ROADRUNNER X7-CX sets a new standard for power, speed, security and functionality by placing the familiar look and feel of a Windows® PC into a ruggedized handheld.

AMR and probing are mainstays of modern utility operations. The X7-CX with the optional FIREFLY® RF receiver puts the world of AMR in the palm of your hand. Read electric, water and gas FIREFLY MIUs in the same route.

Interrogate meters individually or use "Cache Read" mode to read all FIREFLY-equipped meters within range. Automated routines support extraction of Datamatic's patented ProfilePLUS™ Usage Profiling data and programming FIREFLY MIUs in the field.

The X7-CX supports water probing as well as a large complement of electric meters for optical probe data collection.

- **Microsoft Windows® CE.NET**
- **High-speed serial or optional Ethernet communications**
- **FIREFLY AMR support**
- **Color TFT touchscreen**
- **Probing support for water and electric meters**
- **Application multitasking**

The Microsoft Windows CE.NET operating system allows users to take advantage of application multitasking and a richer graphical environment to efficiently handle tasks ranging from keyed-entry, probe and FIREFLY reading to AMR installation and field service.
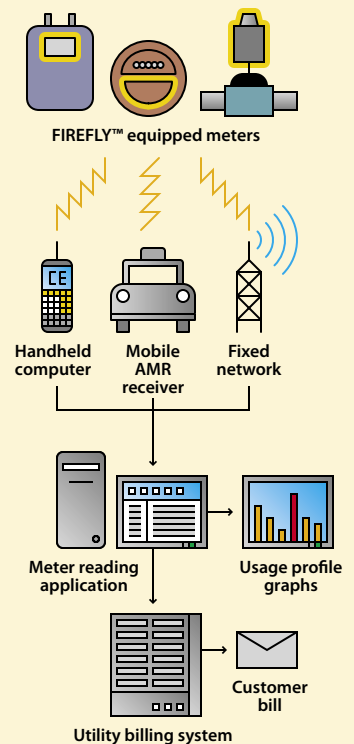
The X7-CX handheld has the rugged pedigree that has been the hallmark of the ROADRUNNER name for nearly 25 years. It carries numerous IP67 and MIL-STD-810E/F certifications ensuring your data will remain secure even under the worst conditions.

How it works

The FIREFLY MIU transmits current reading, tamper and leak info over RF. MIUs also store usage data at user-defined intervals for later retrieval and analysis.

FIREFLY™ equipped meters

ROADRUNNER handheld, mobile and fixed network receivers capture and carry data back to the meter reading application.

Handheld computer · Mobile AMR receiver · Fixed network

The RouteSTAR meter reading application receives uploaded data from ROADRUNNER receivers. It delivers rich, customizable reporting features and manages the information transfer to and from your utility billing system.

Meter reading application · Usage profile graphs

Utility billing system · Customer bill

Specifications

Memory
128 MB NAND Flash
64 MB RAM

Processor
Intel XScale 400 MHz

Operating System
Windows CE.NET

Display
Full-Color Touchscreen LCD with Backlight
320 x 240 Pixels
Full Graphics

Communications
High Speed Serial
Ethernet 10Base T (optional)
FIREFLY AMR Reading, Programming and ProfilePLUS Extraction
Accepts 2 Type II or 1 Type III PCMCIA Card

Keyboard
54 Multifunction Keys
Full Alphanumeric Keyboard
Tactile and Audible Feedback
Backlighted Keyboard (Optional)

Physical
Length: 9.7"
Width: 3.5" min, 4.0" max
Depth: 1.5" min, 2.4" max
Weight: 31.3 oz. with batteries

Power
Rechargeable Lithium-ion Battery Pack
Rechargeable Nickel metal hydride Backup Battery
Intelligent Fast Charging and Power Management

Environmental Certifications
Meets IP67, MIL-STD-810E/F Waterproof, Dustproof
Totally submersible to 1m (3 ft)
Withstands repeated drops from 2m (6 ft) onto concrete