



OVERVIEW

The ORION® Mobile Reading System (ORS) consists of the Panasonic Toughbook® laptop with ORION reading software and the ORION mobile transceiver or receiver kit.

ORS is a flexible, easy-to-use program that optimizes the automation capabilities of the ORION meter reading system, serving as a graphical interface for data collection. ORS provides an intuitive and easy-to-use navigational tool and status display that minimizes the need for user intervention.

Using the laptop internal GPS, ORS provides users with onscreen mapping, allowing the user to see a visual representation of the vehicle location as well as the status of the ORION endpoints. During the reading cycle, ORS can be used as a reference tool to run screen reports and to ensure all endpoints have been read before leaving an area. After collection, reading data is unloaded to the ReadCenter® reading data management software.

COMPONENTS

The ORION Mobile Reading System includes a ruggedized Panasonic Toughbook with a 32-bit Windows® 7 operating system, sunlight-viewable touch screen LCD, ORS software, ORION mobile transceiver or receiver, and all required accessory items to operate the system.

Laptop features include:

- Full magnesium alloy case with handle
- Moisture and dust-resistant design
- Shock-mounted, removable hard drive
- Wireless communications and GPS-capable

NOTE: For the *ORION Laptop Mobile Reading System Parts List*, refer to the Badger Meter website, www.badgermeter.com.

SOFTWARE COMPATIBILITY

ORS is compatible with ReadCenter Analytics, ReadCenter Analytics Mobile and ReadCenter Data reading data management software.



LAPTOP SPECIFICATIONS

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|--------------------------------|--|
| Operating System | <ul style="list-style-type: none"> • 32-bit Windows 7 |
| CPU | <ul style="list-style-type: none"> • Intel® Core i5 - 3340M vPro processor • 2.7 GHz processor speed with Turbo Boost up to 3.3 GHz • 3 MB Intel® Smart Cache |
| Storage & Memory | <ul style="list-style-type: none"> • 500 GB shock-mounted hard disk drive • 4 GB SDRAM |
| Communications | <ul style="list-style-type: none"> • 9-pin serial communication for data acquisition • Internal Bluetooth® v 4.0 + EDR (Class I) • USB 3.0 (x1), USB 2.0 (x3) • Intel® Centrino® Advanced-N 6235 802.11a/b/g/n |
| Drives | <ul style="list-style-type: none"> • DVD Multi drive |
| Display | <ul style="list-style-type: none"> • 13.1 in. sunlight-viewable LCD touchscreen 1024 x 768 • Anti-reflective and anti-glare screen treatments |
| Power Supply | <ul style="list-style-type: none"> • Long-lasting Li-Ion battery pack • AC adapter, 100...240V AC, 50/60 Hz auto-sensing/switching worldwide • Car adapter 120W |
| Dimensions & Weight | <ul style="list-style-type: none"> • 11.5 in. (L) x 11.9 in. (W) x 2.9 in. (H) • 8.2 lb |

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