

Access Critical Data in the Field

Neptune R900® System: Belt Clip Transceiver



The belt clip transceiver delivers exceptional walk-by meter reading and convenient in-field customer support by eliminating meter access issues and accelerating the retrieval of valuable data logging information. Automated measurement improves accuracy, identifies hidden causes of loss, and optimizes the operational efficiency by ensuring that the data collected is accurate and communicated quickly. Access to real-time consumption data in the field allows for more proactive customer service – enabling impromptu service calls and the ability to address customer service issues on-site without a separate truck roll to maximize field efficiency.

As part of the Neptune R900® System, the belt clip transceiver is compatible with past generations of equipment while remaining flexible to incorporate innovations as needed — allowing you to add new features and equipment at your own pace.

- Increases meter reading efficiency
- Reduces data logging information retrieval time
- Compatible with all generations of R900® endpoints and future products
- In-field customer support via Bluetooth technology
- Exceptional radio frequency (RF) throughput reduces meter reading time
- Versatility to read both water and electric meters
- iOS and Android compatible
- Common core code base for faster availability of new features and functionalities

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Specifications

Communication

- Bluetooth 2.1 or later and USB handheld software compatibility with Neptune® 360™

Power Supply

- Rechargeable lithium-ion battery pack – 5000 mAh capacity
- Field-replaceable, recommended replacement every 2 years

Memory

- 4GB SD card

Device Compatibility

- Trimble Nomad 900B/900LE/1050B/1050LE, Trimble Ranger 3, and Android/iOS mobile devices¹

Indicators

- Four LEDs identify Bluetooth communication, RF status, mode status, and battery status

Dimensions

- Height: 3.58" (9.1 cm)
- Width: 1.66" (4.22 cm)
- Length: 5.75" (14.6 cm)

Weight

- 1.1 lbs. (499g) including rechargeable battery

Temperature Range

- Operating: -4°F to +122°F (-20°C to +50°C)
- Storage: -40°F to +185°F (-40°C to +85°C)

Accessories

- Spare battery
- Spare battery charger
- Belt clip
- SD card
- 12V USB vehicle power cable

Warranty

- One-year comprehensive warranty
- Hardware maintenance contracts available

Receiver Channels: 50

Number of Simultaneous Channels: 8

Approvals

- FCC Class B
- IC

Mode Overview

	Normal	Unattended Operations	USB Mass Storage
Bluetooth Pairing to Devices	Required	N/A	No. Used for firmware updates and transfer of data via USB from SD card to Neptune software
Trimble Nomad 900B/900LE/ 1050B/1050LE Compatible	Yes	N/A	
iOS App Compatible	Yes ¹	N/A	
Android App Compatible	Yes ¹	N/A	
R900 Compatible	Yes	Yes	
Advantage / Pocket ProReader Compatible	Yes	No	
Data Logging Compatible	Yes	No	
SD Card Data Storage	Yes	Yes	

¹Contact Neptune Customer Support for the latest device and operating system compatibilities.

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