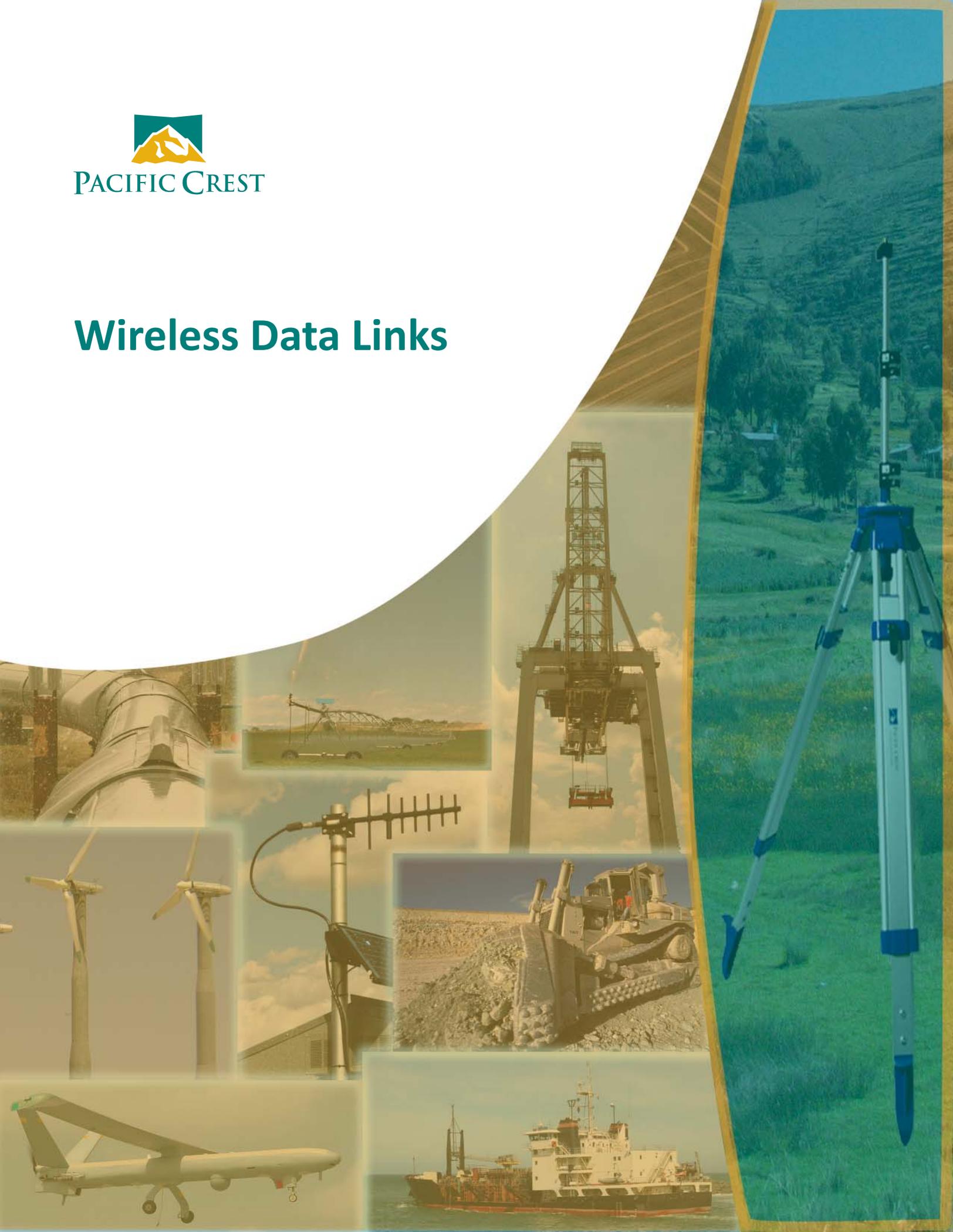




PACIFIC CREST

Wireless Data Links



Wireless Data Links

Introduction

Radio modems from Pacific Crest provide wireless data links for RTK positioning and remote sensing. These broad spectrum transceivers offer up to 35 Watts of power and over-the-air link rates as high as 19,200 bps. Pacific Crest is the leading provider of high-performance data links for the Geomatics industry based on the acceptance of its communications protocols as the standard for RTK surveying.

- **40 MHz Bandwidth Range**
- **High Over-the-Air Link Rate**
- **Configurable Transmit Power**
- **Software-Derived Channel Bandwidth**

Compact and lightweight, the radios are also watertight and rugged enough for the toughest environments. They are easily configurable in the field with an enhanced user interface. Easy-to-integrate modules are also available to system integrators seeking the best radio modems possible.



ADL Foundation

ADL Foundation

The ADL Foundation is a 0.1-1.0 Watt UHF transceiver designed for integration into products that require either a one- or two-way radio communication link. Integrating the latest modem technology from the leader in radio frequency data communications instantly puts your products in touch with the world's largest installed base of GNSS precise positioning systems. And with Pacific Crest's system integration expertise, you are buying a solution, not just a modem.

ADL RXO

The ADL RXO is a receive-only UHF radio module designed for integration into products that require a low power one-way radio communication link. This sophisticated radio utilizes Pacific Crest's next generation Advanced Data Link (ADL) technology while remaining backward compatible with existing Pacific Crest, Trimble and other products.



ADL RXO

XDL Micro

The XDL Micro is a 0.5-2.0 Watts UHF transceiver designed for integration into products that require either a one- or two-way radio communication link covering 70 MHz in a single band. This sophisticated radio utilizes Pacific Crest's next generation XDL modem technology while remaining backward compatible with existing Pacific Crest and other products. Integrating the latest modem technology instantly puts your products in touch with the world's largest installed base of GNSS precise positioning systems.



XDL Micro

The Gold Standard in Communication and Positioning





ADL Vantage

ADL Vantage

ADL Vantage is an advanced, high speed, wireless data link built to survive the rigors of GNSS/RTK surveying and precise positioning. This sophisticated 0.1-4.0 Watt radio modem utilizes Pacific Crest's next generation Advanced Data Link (ADL) technology while remaining backward compatible with existing Pacific Crest, Trimble and other products. ADL Vantage's full-function user interface streamlines field configuration and troubleshooting so you can maintain maximum productivity. For the most rugged and reliable digital data link, go with the Geomatics industry's new standard in wireless communications – ADL Vantage.



ADL Sentry

ADL Sentry is an advanced, high speed, wireless data link built to survive the rigors of precise positioning and environmental monitoring applications. This sophisticated 0.1-4.0 Watt radio modem utilizes Pacific Crest's next generation Advanced Data Link (ADL) technology. ADL Sentry's supports two serial ports that allow configuration without interrupting the data flow. The ADL Sentry is ideal for SCADA, remote sensing, machine control, and environmental monitoring applications. For the most rugged and reliable digital data link, go with the new standard in wireless communications – ADL Sentry.



ADL Sentry



ADL Vantage Pro

ADL Vantage Pro

ADL Vantage Pro is an advanced, high speed, high power, wireless data link built to survive the rigors of GNSS/RTK surveying and precise positioning. This sophisticated 2 - 35 Watt radio modem utilizes Pacific Crest's next generation Advanced Data Link (ADL) technology while remaining backward compatible with existing Pacific Crest, Trimble and other radios. ADL Vantage Pro's 35 Watts of power maximizes range, enabling you to work in difficult terrain and urban areas. Its full-function user interface streamlines field configuration and troubleshooting so you can maintain maximum productivity.

XDL Rover 2

The XDL Rover 2 is a lightweight, ruggedized UHF receiver designed for digital radio communications between 403 and 473 MHz in either 12.5 or 25 kHz channels. It is equipped with Bluetooth® wireless communication. In Bluetooth mode, UHF data received over the air is transmitted via Bluetooth to a paired device. This allows for a cableless setup. XDL Rover 2 can also be configured over Bluetooth from an Android™ device. Serial communications is still available through the standard LEMO port.



XDL Rover 2

The radio product line is compatible with GPS/GNSS RTK equipment worldwide allowing for easy integration with other equipment or systems. They are backward compatible with existing Pacific Crest, Trimble, and other products. They are completely sealed, waterproof, and corrosion resistant to make them environmentally secure.

The Gold Standard in Communication and Positioning



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