



# Extended Temperature Telephone Dial-Up Modem

For Remote Data Collection  
S1052ID

- **12 Volt power**
- **LED indicators**
- **Up to 14,400 baud**
- **Sleep mode for low power consumption**

## **Telephone Dial-up Modem – Extended Temperature Version**

The Coastal modem is a full-featured 14,400 baud, Hayes-compatible modem that incorporates V.42 bis compression and MNP 2-5 for effective data speeds up to 57,600 bps. The small size and extremely low power requirements make it ideal for remote data collection. Because of its low power, it can be run from solar or battery power, or can even be powered by the smallest battery back-up system.

## **ZENO® Remote Operation**

The Coastal modem allows you to communicate remotely with the ZENO®-3200 over standard dial-up telephone lines. You can use Coastal's INTERCEPT® software to automatically dial up and collect data from the ZENO® on a regular, timed schedule, or you can contact the ZENO® at any time to alter sample rates, examine sensor operation, or to enter in new sensor co-efficients.

## **Sleep Mode**

This is one of the few modems that incorporates both hardware and software to allow the unit to automatically default to a very low power sleep mode when not in use. The unit uses very little power in this mode, but will still respond to anyone calling in to communicate with the ZENO®.

## **Full Temperature Tested**

The modem is tested in Coastal's environmental chambers through the full temperature range of -40 to +65 degrees C. This ensures the operation of the modem, even at extreme temperatures. Each and every modem is run through the full temperature cycle several times and tested for operation at these extremes.

## **Modem Specifications**

- Automatic speed selection
- Operates over temperature ranges of -40 to +65 degrees C.
- Low-power circuitry with sleep mode
- LED status lights
- Speed buffering / flow control