



Turn-key ALERT121A Advanced system

Fully configurable and programmable for flood warning applications

Overview

The ALERT121A Advanced is an ALERT or ALERT2™ transmitter that is designed to be a drop-in replacement for existing flood warning stations. Designed to be flexible, reliable, and low cost, the ALERT121A Advanced uses the AL200 modulator and sensor interface, the industry-standard Maxon SD125E-series radio, the powerful CR800-series datalogger, and a cell modem. The ALERT121A Advanced includes standard circular connectors for sensor and power inputs, as well as cable glands for additional inputs.

The modular design of the ALERT121A Advanced transmitter allows for alternate configurations, additional peripherals, and easy replacement of individual components. Because the ALERT121A Advanced is built around the CR800 datalogger, many additional communications options are available. Any ALERT121A-series transmitter can be converted between ALERT (legacy) and ALERT2™ protocol with a simple firmware change.

Note: ALERT2 is a trademark of the [National Hydrologic Warning Council](#).

Benefits and Features

- › ALERT-style canister, making it a drop-in upgrade for existing stations
- › Modular mounting of components for easier field servicing and expansion
- › Sealed, circular sensor connectors on lid of canister
- › Cable-entry seals for routing sensor or external communications cables
- › Integrated battery bracket that can accommodate up to a 26 Ahr rechargeable battery
- › Field configurable—no programming required
- › Most feature-rich ALERT and ALERT2 solution
- › Redundant communications via cellular modem

Specifications

-NOTE-

For specifications, refer to:

- › [AL200 ALERT2 Encoder, Modulator, and Sensor Interface](#)
- › [CR800 Measurement and Control Datalogger](#)

› [Maxon SD125E](#)

Weight

- › 657.71 g (1.45 lb) for the CR800
- › 5.72 kg (12.60 lb) for the ALERT121A Advanced

For comprehensive details, visit: www.campbellsci.com.au/alert121a-advanced