

UA2 UNIVERSAL ADAPTER OVERVIEW

Adds wireless data collection and transmission capability to a wide variety of standard commodity sensors. It collects sensor data at scheduled intervals and transmits it to the Waites cloud for processing, visual display, and alerting purposes.

POWER

Powered via a required ND3 node (battery or line-powered)

Note: The ND3 node contains six ports for any combination of vibration/temperature sensors and universal adapters and up to one tachometer.

ENVIRONMENTAL

- Operating temperature: -4 to 185 °F (-20 to 85 °C)
- IP66 rated enclosure

INPUT

Supports 2-, 3-, or 4-wire PT100 temperature sensors, CT/PT AC signals, 4–20mA 2-wire current loops, or 0–5V, 1–5V, or 5–10V 4-wire voltage inputs (GND/GND/BOOST/DATA).

OUTPUT

UART to node

CASE MATERIAL

PVC and fiberglass-nylon composite

PHYSICAL DIMENSIONS

- Length: 2.2 in (55 mm) from the wire stress relief to the threading
- Width: 0.67 in (17 mm) at its widest point
- Cable length options: 15 ft (4.57 m) or 32.8 ft (10 m)

INSTALLATION NOTE

To avoid electromagnetic interference, keep sensor cables away from high-voltage power lines.

