

NZ1 PIEZONODE OVERVIEW

Combined with our powerful, cloud-based, Waites reliability portal, the PiezoNode can be installed with our line of piezo accelerometers or most third-party piezo accelerometers, allowing traditional accelerometers to be monitored wirelessly and analyzed via the cloud.

SENSOR CONNECTIONS

- X-Lok weatherproof connector
- Can connect up to four single-axis 100 mV/g ($\pm 80g$) piezoelectric accelerometers, with or without integrated temperature sensors.
- Waites-labeled sensors available upon request



WIRELESS RADIO

802.15.4 wireless 2.4GHz ISM band with 3,000 ft (914.4 m) LOS range

ENVIRONMENTAL

Operating Temperature: -4 to 185 °F (-20 to 85 °C)

POWER

Line-powered: 120V AC X-Lok

AC Current (Max.): 0.12A/115VAC

Inrush Current (Typ.): Cold start 20A/115VAC

The X-Lok battery-powered option is also available upon request, which includes the Waites BT2-0020 (2-pack) 3.6V D-Cell with an expected battery life of 3-9 months in normal operating conditions.

PHYSICAL DIMENSIONS

- 5 in x 5.375 in x 3.6 in (12.7 cm x 13.6 cm x 9.1 cm)
- Line-powered: 1.5 lbs (2.27 kg) with cable (11.5 ft / 3.5 m)
- Battery-powered:
 - 0.85 lbs (0.39 kg) without batteries
 - 1.35 lbs (0.61 kg) with batteries