

WIRELESS

Relay V2

Receives wireless data from EXACT loggers that transmit using LoRa and relays the data via LTE-M to the EXACT cloud. Relay is required for embeddable loggers. Relay can be used with Flex and Pro loggers when: a) LTE signal is not available where loggers are installed but is available nearby where Relay can connect. b) Installations with 10+ loggers where it's more economical to connect multiple loggers via LoRa to a single Relay with LTE.

SKU: EX-R-2



Features

- Multiple wireless radios
 - **LTE Cat M1 cellular:** Remote wireless communication
 - **LoRa:** Local device-to-device wireless communication
 - **BLE:** Local mobile-to-device wireless communication
 - **GNSS location**
 - **GPS:** Remote device retrieval*
- Remote firmware over-the-air (OTA) updates
- Remote fault detection
- 4-month battery life
- 90+ day offline memory
- Local log retrieval via BLE
- Internal charging port

**GPS requires direct line-of-sight to open sky. Indoor use may not return a location.*

Technical Specifications

# of Inputs	1 ambient
Operating range	-20 °C to 60 °C (-4 °F to 140 °F)
Battery type	Rechargeable - Charger included
Battery life	1 month
Battery charge time	14 hrs
Charger voltage	5 V
Opt. battery range	3.0 V - 4.2 V
Interval	Default: 15 min / Optional: Always-On
Cellular technology	LTE Cat M1 NAmer: Bands 2,4,12 (1900/1700/700 MHz) Europe: Bands 3,8,20 (1800/900/800 MHz) Australia: Bands 28 (700 MHz) LoRa Frequency: 915 MHz (CA/USA/AUS) / 868 MHz (EU)
Country compatibility	See appendix
Radio range	LoRa: >800 m (0.50 mi) line of sight to Relay or another device LTE: ~1 km (0.62 mi) line of sight to tower
Ingress protection	Dust/Water Resistant
Dimensions	231 mm x 173 mm x 97 mm (9.1 in x 6.8 in x 3.8 in)
Weight	1150 g (2.54 lbs)