

ES10 Dispenser Beacon



Technical Specifications

ES10 Dispenser Beacon

Physical	Height Width Depth Weight Flammability rating Tamper-resistant casing Casing material Product identifier Mounting Battery power switch	3.1 in (8,5 cm) 3.1 in (8 cm) 3.0 in (7.5 cm) 4.27 oz (121 grams) with batteries ; 1.73 oz (49 grams) without batteries UL 94 V-0 No PC/ABS plastic QR code, MAC address, Unique ID Inserted into compatible dispenser On/Off
Environmental	Operating temperature Storage temperature Operating humidity Storage humidity	-13°F to 185°F (-25°C to 85°C) -4°F to 185°F (-20°C to 85°C) 10% to 95% RH, non-condensing 5% to 95% RH, non-condensing
Battery Power	Battery life Battery type Total capacity Replaceable Power activation	Up to 4 years with factory default settings 4 x ERI4505, 3.6V 10,800 mAh Yes; Kontakt.io supplied battery pack On/off switch
Bluetooth Low Energy (LE)	Wireless standard Range Frequency range TX power Output power (sensitivity)	Bluetooth LE 5.0 and 5.3 compatible Up to 164 feet (50 meters) in open space 2.4 GHz -4 dBm (configurable) -96 dBm
Sensors	IR sensor/emitter	Infra-red SmartLink serial interface between ES10 Dispenser Beacon and GOJO ES10 module to detect dispense events
Certifications		CE, FCC, Reach & RoHS, WEEE

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Features

- Compatible dispensers — GOJO PURELL® ES10 Hand Soap and Sanitizer Dispenser models
- Automatic event capture — Automatically detects and records dispense events
- Audible notifications — Integrated buzzer supports local dispense opportunity alerts for hand hygiene workflows
- Over-the-air updates — Supports OTA firmware and configuration updates

BLE Interface

Parameter	Specification
Advertising frames	Kontakt.io Telemetry Frame and Kontakt.io Location Frame; additional advertising frames, including iBeacon and Eddystone, are available on demand
Telemetry data	Dispenser activation count, refill count, refill event information, proximity data during activation, and device fault indication
Over-the-air (OTA) updates	Supported via Kontakt.io DFU Profile
Services	Battery Service, Device Information Service, Current Time Service, Kontakt.io Configuration Service, and Kontakt.io DFU Service