



Belle® W Specifications: Certified on AT&T 4G LTE Network



Belle W is a lightweight, wrist-worn mobile personal emergency response system that offers customers confidence to live life on their terms. They can easily get help at home or away from home with the press of a button, across the US. Belle W is certified on the AT&T 4G LTE network. Belle W connects users to expert operators at a UL-Listed, TMA Five Diamond Certified central station 24/7 via built-in two-way voice.

General

- **Communication Modes** IoT Networking MQTT
- **WiFi** 802.11b/g/n location service
- **2-way calling** VoLTE, HD Voice certified
- **Fall Detect** with user cancel
- **Motion Features** UpAndAbout reporting, Step counting
- **Single Battery Charge** Lasts up to 1-2 days in Always On mode or up to 7 days in Ready Mode

Cellular

- **Data Support** Secure, private, IOT networking
- **Operating Bands** AT&T LTE CAT1 FDD B2, B4, B12
- **E-UTRA UE Power Class** 3 (0.2 W, 22 dBm)
- **LTE CAT 1** Uplink up to 5 Mbps/Downlink up to 10 Mbps

Environmental

- **Temperature** -10° to +50° C (operating); -20° to +70° C (storage); Charging: 0° to +35° C
- **Humidity** 90%RH @ 40° C non-condensing, 36 hrs.
- **Durable** 100 drops @ 30 cm to wood front and back, 1 m to concrete all faces, edges, corners
- **ESD Air:** ±10kV, Direct Contact: ±6kV
- **Water Protection** Rated IP67 enclosure

Electrical

- **Operating Voltage** 3.88V LiPo battery pack
- **Battery Capacity** 210mAh
- **Power Consumption** 1.85mA@3.8V (active), 968mA@3.8V (unconnected)

Physical

- **Dimensions** 1.57 x 1.46 x 0.49" (40 x 37 x 12.5 mm)
- **Weight** 0.7 oz without wrist strap, 1.2 oz with wrist strap
- **Certifications** PTCRB/CTIA, AT&T FCC: 2AP4W-AWEAR
- **Battery and Charger** - UL, IEEE1725, CEE