# UWB Positioning Wristband ID-UWB-W20 (SOS, Vibration, Helmet Mount)

Model ID-UWB-W20 · Brand: Identium



A UWB wristband for locating workers to under 30 cm, with SOS, vibration alerts, motion detection and an update rate adjustable from 1 to 20 Hz. It lasts over a month per charge at 1 Hz, is IP67, and the tag lifts out of its strap to clip onto a safety helmet.

## KEY FEATURES

- **UWB positioning under 30 cm (unobstructed), over 100 m range**
- **SOS button, vibration alerts, motion detection, low-battery alarm**
- Update rate 1–20 Hz; over a month per charge at 1 Hz, 25 °C
- Wear on the wrist or clip the tag onto a safety helmet
- 54 × 39 × 14 mm, 40 g, 600 mAh, IP67
- Options: heart-rate sensor, 0.83-inch OLED display, NFC

## APPLICATIONS

Plant and warehouse workers · Construction sites · Tunnels and mines · Lone-worker safety · Mustering drills · Care homes

## SPECIFICATIONS

| | |
|---|---|
| Technology | UWB, 6.24–6.74 GHz |
| Positioning accuracy | Under 30 cm (unobstructed) |
| Communication range | Over 100 m |
| Update rate | 1–20 Hz, adjustable |
| Alerts | SOS, vibration, motion detection, low battery, anchor presence |
| Battery | 600 mAh rechargeable; over 1 month at 1 Hz, 25 °C; intelligent sleep |
| Charging | 4-pin magnetic, DC 5 V / 1 A |
| Wear | Wrist strap or helmet clip |
| Options | Heart-rate sensor, 0.83-inch OLED display, NFC |
| Dimensions / weight | 54 × 39 × 14 mm, 40 g |
| Protection | IP67 |
| Operating temperature | –20 °C to +65 °C |