

# TWIG Eon

## The Discreet Lone Worker Alarm Watch



TWIG Eon is a discreet and elegant wristwatch designed for lone workers in social risk professions. Combining advanced communication features with a sleek design, this wristwatch provides critical safety functions like SOS alerts, real-time location tracking, and power for days. It is more than just a device - it's a complete solution designed to keep workers safe, meet safety standards, and enhance safety protocols.

### Power for days

- Up to 2-3 days on continuous tracking
- Advanced power-saving modes with intelligent power management
- Continuous mobile network connection, sending periodic reports
- Minimizes the need for frequent recharging, maximizing uptime

### Extremely discreet. Timeless style.

- Classic wristwatch design with analog face
- Stylish and professional look, fits any work environment
- Discreet, unlike bulky industrial devices

### Integrated services

- VoIP with secure interconnect to phone networks
- Encrypted data communication
- Polygon or circle safe zones with validity time attributes
- Calls to alarm receiving centre and up to 8 speed dial numbers
- Alarms on low battery, no movement, exit, safe zone

### A strong choice for social risk workers

- Ideal for healthcare, social services and hospitality staff
- Single button SOS for instant emergency alerts
- Real-time location tracking
- Bluetooth Low Energy communication with beacons

### Made in Finland: Precision and Quality

- Finnish engineering guaranteed durability and reliability
- Built for long shifts, combining user-friendliness and long runtime
- LTE phone with GPS location reports

### Easy to deploy

- eSIM for quick setup: select profile and add numbers
- Multiple wearer profiles to different user needs and capabilities
- Simple interface adjusts to user's dexterity and preferences
- Integrated emergency call routing with SMS, email, and app push notifications

### Customizable UI profiles

The customizable profiles of TWIG Eon ensure the interface is tailored to the user's skills, making it accessible for everyone, whether they are tech-savvy or prefer simplicity. All profiles are enabled to receive phone calls, ensuring critical communication during emergencies, allowing every worker to confidently and effectively use the device.

### Simple setup

Thanks to the eSIM, TWIG Eon is easy to set up and ready for immediate deployment. There's no need for manual SIM card installation or complex network configuration. Simply select the appropriate wearer profile and define emergency or contact phone numbers, and the device is operational.

### Emergency communication

TWIG Eon offers a comprehensive emergency communication framework, enabling organizations to stay connected with their lone workers in multiple ways. The device supports emergency calls, SMS, email notifications, and push notifications via a mobile app, ensuring that in an emergency, the right people are alerted quickly.

### Advanced power management

The TWIG Eon can operate for up to one week on occasional tracking, thanks to advanced power-saving modes and intelligent power management. This long battery life minimizes downtime, ensuring lone workers stay protected without needing frequent recharging, especially in remote areas.

### Real-time reporting

The TWIG Eon stays connected to the mobile network at all times, even in power-saving modes, ensuring it's always ready to send alarms or make calls during emergencies. Its periodic reporting provides real-time updates on worker status and location, enhancing safety and peace of mind in any work environment.

### TWIG Point cloud services

TWIG Eon, supported by TWIG Point services includes multi-level user management, allowing organizations to configure settings for multiple devices with just a click. The SaaS cloud infrastructure guarantees high availability and reliability, ensuring that both devices and services are always operational.

# TWIG Eon

## Technical Specification

### Communication

- LTE Cat-M1 modem supporting bands used in Europe, North America and Japan
- UDP, VoIP
- Bluetooth Low Energy communication with beacons
- Voice communication : VoIP with secure interconnect to phone networks
- Data communication: Encrypted, resilient with message buffering on flash

### Compatibility

- Integrated with TWIG Point SaaS services
- TWIG MPTP compatible

### Mechanics

- Diameter: 46 mm
- Thickness: 14 mm
- Weight: 46 g including battery
- Water and dust proof (IP67), shock resistant

### User interface

- Wearer profiles: auto, easy, full and tracking profiles, custom profiles on request
- Adjustable UI: Selected profile enables/disables UI features
- Watch: Analog watch, two software controlled hands
- Buttons: Emergency call, menu, two keys (up/down)
- LEDs: 2 user interface / status LEDs

### Battery and operating time

- Rechargeable 500 mAh Li-ion battery
- Phone always on continuous tracking: 2-3 days
- Phone always on and occasional tracking: up to one week, depending on used profile and conditions
- Phone on when required: up to four weeks, depending on used profile and conditions

### Operating temperature

- Use: -20°C – +45°C
- Charging: 0°C – +40°C

### Satellite positioning system

- GPS receiver
- A-GPS assistance
- Tracking

### Sensors

- 3D accelerometer

### Audio

- Speaker, microphone, haptic feedback
- Adjustable volume control

### Display and keys

- Two row OLED display with guiding symbols
- SOS button, menu, two keys (up/down)

### Over-the-air updates

- Configuration, parameters, safe zone and firmware

### Calls, alarms and notifications

- User initiated phone calls: To alarm receiving centre and up to 8 speed dial numbers
- Automatic or by user accepted calls, white list access control, 100% SOS call routing
- Alarms on critical and low battery, no movement, exit, safe zone exit, SOS call not answered, no service connection

### Statistics and reports

- Activity statistics little movement, beacon area, out of safe zone periods
- Event reports on periodic status, help request call, beacon, activity statistics and battery status
- Charging and location reports

### Services

- 4G data connection included
- VoIP phone calls
- VoIP to PSTN connection
- 100% secure SOS call routing
- IVR (Interactive voice response)
- REST APIs
- A-GPS Updates

### Standard sales package

- TWIG Eon personal alarm device with silicone wristband, charging station (with built-in BLE beacon), power cable and charger

### Accessories

- Charger with USB-C cable
- Charging station BLE
- BLE mini beacon, AC power
- BLE mini beacon, Battery operated



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