

TWIG Eon D

The Safety Watch for Lone Workers

TWIG Eon D is a connected safety watch designed for lone workers in utilities, logistics and technical field work.

Combining essential safety features with a discreet wristwatch design, this device delivers instant SOS alerts, real-time location tracking, and long-lasting power. It is a complete solution designed to keep workers safe, meet safety standards, and enhance safety protocols.



Power for days

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

Extremely functional. Fully digital.

- Lightweight wristwatch design
- Digital display with TWIG function icons
- Discreet, unlike bulky industrial device
- Flexible wearing options: wrist, belt or neck

Integrated services

- VoIP with secure interconnect to phone networks
- Encrypted data communication for secure operation
- 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 field and technical workers

- Ideal for utilities, logistics and technical 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 reporting for precise worker location

Easy to deploy

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

Customizable UI profiles

The customizable profiles of TWIG Eon D 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 D 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 D offers a comprehensive emergency communication framework, keeping organizations connected to lone workers at all times. The device supports voice calls, email, and push notifications, ensuring the right people are alerted immediately in an emergency.

Advanced power management

With advanced energy-saving modes, TWIG Eon D operates for days without recharging. Up to a week in occasional tracking minimizes downtime and ensures protection even in remote areas.

Real-time reporting

Always connected to the mobile network - even in power-saving modes - TWIG Eon D is ready to send alarms or make calls when needed. Periodic reporting provides continuous updates on worker status and location, delivering peace of mind in any environment.

TWIG Point cloud services

Supported by TWIG Point SaaS services, TWIG Eon D enables multi-device management with just a few clicks. The cloud platform guarantees high availability and reliability, ensuring that both devices and services remain fully operational.

TWIG Eon D

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
- eSIM

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: Digital watch, function symbols
- Buttons: Emergency call, menu, two keys (up/down)
- LEDs: 2 user interface / status LEDs

Display and keys

- PMOLED display with function symbols
- SOS button, menu, two keys (up/down)

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

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

Over-the-air updates

- Configuration, parameters, safe zone and firmware

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 D 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
- Lanyard
- Carbiner hook



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