EGIS 2 ™ Next Gen

Lone Worker / Man Down Personal Duress Device

The EGIS 2 is the latest generation man down / lone worker personal device, designed and developed by Sec-Eng Systems. (Proudly Australian made)

Featuring a rugged design with an IP65 polycarbonate glass filled nylon enclosure, the EGIS 2 is designed to meet Australian conditions.

The EGIS 2 can be used as a stand alone system that can send SMS and make voice calls. It can also communicate with the Sec-Eng Systems Pegasus tracking platform and report via the CSV IP Alarm protocol.

FEATURES:

- 4G & 3G mobile network connectivity
- Latest generation GPS chipset for accurate positioning
- 5 Programmable user buttons (SOS, PI, PII, PIII & Cancel)
- Full 2-way voice inbound and outbound calling
- Ability to SMS 8 mobile numbers
- CSV-IP reporting (Contact ID over IP)
- Inbuilt 3 axis tilt and movement detection
- Ability to show location & poll in a real time via Pegasus
- Backlit buttons for ease of use in dark conditions
- OLED screen for displaying the device functions
- Graphical screens for mode of operation and alarm reporting
- Durable poly glass filled nylon housing
- IP65 rated (Fully Splash Proof)
- Aluminum forged rear belt clip
- Recessed front buttons
- USB-C charging port
- Compatible with the Sec-Eng rack mount charging system
- 25hour battery run time
- Australian Made, designed & developed product

SEC·ENG SYSTEMS

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TECHNICAL DETAILS

Enclosure Design: Reinforced Polycarbonate Glass Filled Nylon (IP65 rated)
Front Buttons: Silicon underlay (IP65 rated), with 5 x PCB tactile switches
(1 x SOS, 3 x programmable, 1 x cancel)

Front OLED Graphic Display:
- Device ID
- Mobile phone signal
- Battery status
- GPS status
- SOS alarms
- Man down warnings & alarms
- Time to wear warnings & alarms
- Welfare check warnings & alarms

Battery Type: 3.7v 2400 mA Li-Ion rated at 1000 charge cycles.
Battery Run Time: 4G with 5min polling = 22hrs
Battery Protection: Built-in over voltage & short circuit protection.

EGIS Charger Design: Built-in voltage / current sensing and control
EGIS Audio: Sealed speaker design with adjustable level control. Freq 20Hz to 20,000Hz
EGIS Microphone: Dynamic noise cancelling design with adjustable level control
EGIS Movement and Tilt Sensor: 3 Axis digital accelerometer
EGIS Haptic User Feedback: 3.3V Vibration motor
Sim Type: Nano (Voice, SMS and Data enabled)
Charger Ports: USB-C 5V 2A (bottom of device) & charge pins (rear of device)
via Sec-Eng Systems charger stations (wall or desk type chargers)

Method of Transmission
GPRS / HSDPA / VOLTE (4G LTE)
Full 2-way voice & SMS functions.
4G LTE: Band 1 (1920- 2170MHz)
          Band 3 (1710-1880MHz) Band 5 (824-894MHz)
          Band 7 (2500-2690MHz)
          Band 8 (880-960MHz) Band 28 (703-803MHz)
3G UMTS/HSPA:Band 1 (2100 MHz)
          Band 4 (1700MHz) Band 5 (850MHz)
          Band 6 (800MHz)   Band 8 (900MHz)

Certifications (EGIS)
C-tick Certification:
N3884 SARS / EMC Certification

28mm
10mm
110mm
Mandown Alarm
EGIS
USB-C

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