



part of the **Essence Group**

Panic Button

(ES700EP)

S.O.S. Button for Personal Emergency Response System (PERS)



- ✓ Compact, user-friendly and modernly designed S.O.S. Button for Personal Emergency Response System (PERS)
- ✓ Portable & can be carried with various adaptors: as pendant, key-ring or watch strap
- ✓ Sends panic message to central monitoring station for further action
- ✓ 100% water sealed, with an internal battery for more than 7 years life cycle
- ✓ Suitable for various audiences in need of 24/7 monitoring



The ES700EP panic button and tag seamlessly integrates with the EverGuard and EverGuard Express control panels and other products from Essence Security International

With millions of systems and security peripherals installed internationally, Essence Security is a technological and market leader in the field of advanced security solutions for homes, offices and full-service central monitoring stations



ES700EP Panic Button

DESCRIPTION

- When the panic button is pressed, a message is immediately sent to the Central Monitoring Station (CMS).
- Central Service response can be configured to various parameters and corresponding actions.
- Multiple wearing options – as a pendant, on a wrist band or with a key ring.

RANGE & FREQUENCY

- Up to 400 meters RF range (open air)
- ECOP HW and SW bi-directional radio
- Modulation and Frequency: BFSK , 868.3 MHz (Europe) 916.5MHz (US).

POWER CONSUMPTION

- Long operation period (over 7 years)
- Uses one CR2025 Lithium Battery

SIZE & WEIGHT

- Size:
 - H-14.5mm/ L-53.2mm/ W-31.5mm
- Weight:
 - 16 gr. (including battery) without the various accessories

ENVIRONMENTAL

- Operating Ambient Temperature range
 - -10° - 55° Celsius
- Water Immersion Resistant (IP67)

COMPLIANCE

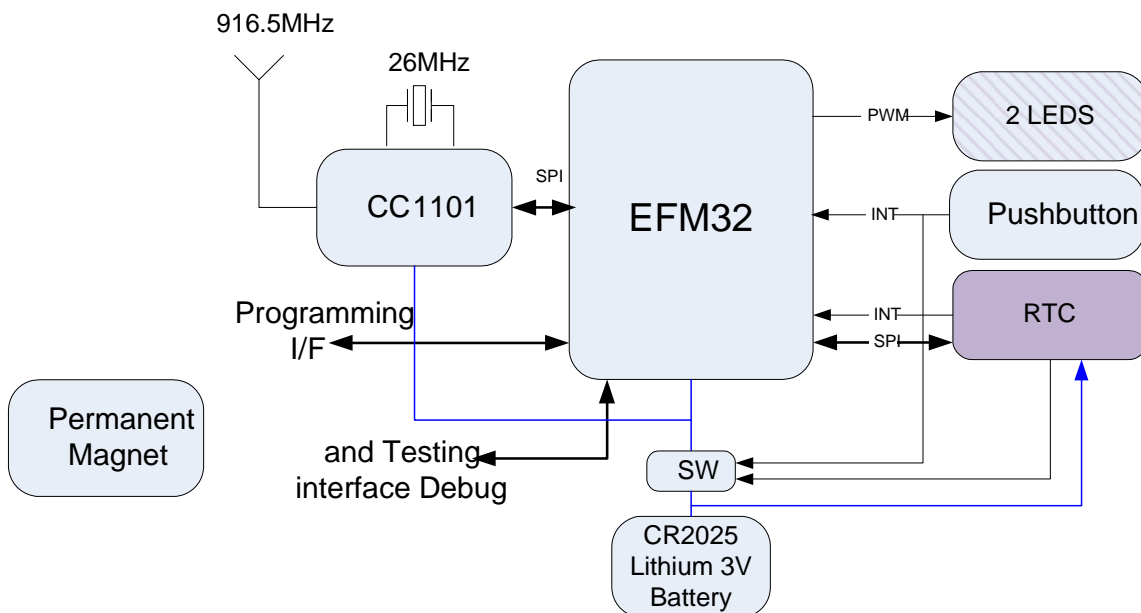
- CE: EMC/EMI, ETSI EN 301 489-4, ETSI EN 301 489-1, EN 50130-4
- Radio: ETSI EN 300 220-3, ETSI EN 300 220-1, EN 50130-4
- Safety: EN/IEC 60950-1
- Security & Alarm systems: EN 50131-5-3
- Environmental Regulation: RoHS 2002/95/EC
- Reliability (Mechanical & Environmental conditions): EN 50130-5 and IEC 60068
- Material: Polycarbonate

Certifications and approvals:



Essence Security International (E.S.I.) Ltd.

www.essence-grp.com +972-73-244-7777 info@essence-grp.com



Block Diagram Description

The CR2025 battery provide power. This produce the right regulated voltage needed by the entire circuit.

The main micro-controller gets data from tag.

It interacts with the RF-transceiver chip.

The product have a single indication LED.

