



# Verisure Fast-II Control Panel



ES6502VSF  
Central Communications System

## Product

Customer-oriented, Plug-&-Play security system with powerful capabilities

### Features Include:

- Optional standalone operation via mobile phone (without professional monitoring)
- Multiple communication channels for video, voice and data : SMS, GSM/GPRS
- Audio and video verification to reduce false alarms
- Automatic remote boot server and parameter programming for all system peripherals
- Easy & Rapid Wireless Installation for Laymen Installers or DIY kits
- Simple & Intuitive User Interface with Integrated Keypad
- Backup battery for up to 36-hours of independent operation
- Vast configuration capabilities
- Comfort video and voice applications
- Family safety for children & elderly

## Smart Security

“Plug-&-Play” state-of-the-art Wireless security system:

- User-friendly
- Utilizes cutting-edge technology
- Bidirectional RF wireless communication
- Battery operated
- Easy to install
- Nonintrusive, state-of-the-art design

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Essence Security International Ltd.) could void the user's authority to operate the equipment.

**WARNING!** To comply with FCC RF exposure compliance requirements, the device should be located at a distance of at least 20 cm from all persons during normal operation. The antennas used for this product must not be co-located or operated in conjunction with any other antenna or transmitter.



ES6502VSF Rev. 1.0 For more information, go to: <http://www.essence-grp.com/smart-security>

Certifications and approvals:



## Specifications

### COMMUNICATIONS

- **Maximum RF Range:** Up to 700 m (2296 ft.) - open air
- **Protocols:** End-to-End Bi-Directional ESI protocol
- **Frequency and Modulation:** FSK Modulation
  - 868.3 MHz in Europe
  - 916.5 MHz in USA
- **Cellular Network:**
  - Access Terminal Station technology
  - GSM/GPRS/EDGE: 850/900/1800/1900
  - WCDMA/HSDPA/HSUPA: 850/900/2100
- **Data Security:** 32-bit ID, over 4 billion combinations
- **Advanced radio supervision algorithm**

### SECURITY & SAFETY

- **4 Scenarios (Full, Part-Arm, Night and Perimeter)**
- **32 Users**
- **Silent SOS and silent Duress Alarm**
- **Automatic Scheduler**
- **Internal Siren, up to 95 dB (configurable) at 1m distance**
- **Tamper detector (Wall)**
- **Extended Event Log with Time/Date Stamp**
- **Separate Safety Alarm, up to 100 dBA at 1m (configurable)**

### POWER SUPPLY

- **Advanced switching power supply**
- **Input:** 100~240V, 50/60 HZ external AC adapter
- **Backup battery up to 36 hours** – Li-Polymer rechargeable battery

### DIMENSIONS

- **Size:** L – 120 mm (4.7 in.), W – 120 mm (4.7 in.), D – 57 mm (2.24 in.)
- **Weight (including battery):** 414 gr (0.9 lbs.)

### ENVIRONMENT

- **Operating Temperature range:** 10°C ~ 55°C (14°F ~ 131°F)

### CERTIFICATION

- **CE: CE mark, EMC/EMI according to**  
ETSI EN 301 489-4, ETSI EN 301 489-1, EN 50130-4:1996,  
EU Directive 1999/5/EC for R&TTE
- **Radio:** ETSI EN 300 220-3, ETSI EN 300 220-1, CEPT/ERC Recommendation 70-03, EN 50131-5-3:2005+ A1:2008
- **Safety:** EN/IEC60950-1
- **Security & Alarm systems:** EN 50131-1:2006+ A1:2009 Class-II Grade-2, EN 50131-3:2009 Class-II Grade-2, EN 50131-6:2008 Type-A
- **Reliability (Mechanical & Environmental conditions):**  
EN 50130-5:1999 and IEC 60068

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation