



Verisure Fast-II Jamming Detector



ES700JD
Jamming Detector and Backup
Communication Channel Device

Product

The simplest and most user-friendly RF jamming detector, with a backup communication channel mechanism.

Features include:

- Sophisticated RF-jammer detector that protects communications between the control panel and its associated devices
- Backup communication channel (UDP/IP over Ethernet) between the CMS and the control panel for cases of non-availability of the GSM/3G cellular network
- Powered by external AC/DC converter
- Accessories:
 - LAN cable (RJ45, UTP, unshielded twisted pairs)
 - Universal AC/DC converter

Smart Security

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

- User-friendly
- Utilizes cutting-edge technology
- Bidirectional RF wireless communication
- 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.

Specifications

COMMUNICATIONS

- **Maximum RF Range:** Up to 700 m (2290 ft.) - open air
- **Protocols:** Bi-Directional ESI protocol
- **Frequency and Modulation:** BFSK Modulation
 - 868.3 MHz in Europe
 - 916.5 MHz in USA and South America

SECURITY & SAFETY

- **Unique electronic serial number**
- **Supports automatic over-the-air software programming and configuration upgrade (RSU)**

POWER SUPPLY

- **External 5Vdc AC/DC converter**

DIMENSIONS

- **Size:** L – 141 mm (5.55 in.), W – 74.8 mm (2.94 in.), H – 40.8 mm (1.6 in.)

ENVIRONMENT

- **Storage Ambient Temperature range:** -20° - +60°C (-4° - +140°F)
- **Operating Ambient Temperature range:** -10°C - +55°C (+14°F - +131°F)
- **Humidity:** Up to 95% non-condensing

CERTIFICATION

- CE

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



ES700JDVSF Rev 1.2

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

Certifications and approvals:

