



EverGuard™ Tag Reader 5



ES700TR5

RFID Tag Reader

Product

A wireless access control RFID tag reader with five buttons, featuring:

- Used as the simplest and most user-friendly control node / access control unit.
- Works on RFID technology (MiFare-Ultralight)
- Provides, ARM, DISARM, partial ARM, bell, and open and close door functions
- Indoor / Semi-outdoor versions
- Easily supports remote deactivation of tags in case of loss/theft

Smart Security

Smart Security systems provide professional grade security with highly dependable and tailored smart solutions that will increase customer loyalty and satisfaction.

- Modular and expandable
- Lifestyle friendly
- Reliable and high quality
- Home control via mobile applications
- Intuitive experience

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

WIRELESS

- **Bi-directional:** ECOP - Essence proprietary communication protocol
- **Maximum RF Range:** Up to 1000m (3280.84 ft.) - open air
- **Modulation and Frequency:** BFSK , 868.3 MHz (Europe) or 916.5 MHz (US)
- **Encoding:** 32-bit ID, over 4 billion combinations

SECURITY

- Tamper mechanism: wall tamper
- Unique electronic serial number

POWER

- **Batteries:** 3x1.5V AA alkaline or lithium (non-rechargeable batteries).
- **Battery life:** 3 years with 20 tag reads per day
- Tag is a passive unit and does not require a power source

DIMENSIONS

- **Size:**
 - Tag Reader: L – 90mm (3.54 in.), W – 90mm (0.98 in.), H – 25mm (0.98 in.)
 - Tag: L – 50mm (1.97 in.), W – 34mm (1.34 in.), H – 10 mm (0.39 in.)
- **Weight:**
 - Tag Reader: (battery not included) – 135g (0.3 lbs.)
 - Tag: 10g (0.02 lbs.)

ENVIRONMENT

- **Operating ambient temperature range:**
 - Energizer E91 or X91 (Zn/MnO2) for 0° ~ 55° Celsius (32°F – 131°F)
 - Energizer L91 (Li/FeS2) for -10° ~ 55° Celsius (14°F – 131°F)
- **Operating humidity:** Up to 95% non-condensing

CERTIFICATION

- EN, CE, FCC, ISO

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



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

