## VeriSure Fast IV
## Tag Reader with Keypad

ES700TR-KPD
Wireless wall-mounted tag reader with keypad

## Operational Description

This product functions as a remote keypad with embedded RFID tag reader. The intended use for this device is wireless Arm/Disarm control for alarm system.

It consists of MCU with RF front end (CC1352P) and RFID transponder (TRF7964A) for 13.56MHz passive RFID tag reading.

The MCU is triggered by a capacitive proximity sensor and or keypress on the keypad. It invokes RFID tag reading and sends data over the proprietary Sub-1G link to the control panel.

The device is powered from 4xAA Alkaline type batteries.

- Sub 1-G Antenna parameters are:
  - Type: Wire Antenna soldered to the main PCB
  - Gain: -0.2dBi

- The CC1352P RF transceiver is interface between internal circuit data, and control panel. Modulation and frequency: 2FSK, 916.5MHz

- 13.56 MHz RFID coil combined with proximity sense pad is printed on PCB and assembled using board-to-board connector on the main PCB.