

December 18, 2014

Timco Engineering, Inc.  
849 NW State Road 45  
PO Box 370  
Newberry, FL 32669 USA

Subject: Application for certification of Class II permissive change in a touch screen keyprox, model number KP-160 PG2, FCC ID:WP3KP160.

Dear Gentlemen,

Please find attached our application for certification o of Class II permissive change in a touch screen keyprox, model number KP-160 PG2, FCC ID:WP3KP160 prepared in accordance with FCC Rules, parts 2 and 15, section 15.247.

The RFD module of the device was modified and the following changes were done in the circuitry:

- 1) the crystals Y1 and Y2 were replaced with equivalent crystals having the same frequency
  - a) Y1 32.768 kHz crystal replaced by new one, type 565-303502 (NDK PN: NX3215SA-32.768K-STD-MUA-4)
  - b) Y2 26 M crystal replaced by new one, type 565-303608 (NDK PN: S1-2070-1010-16, EXS00A-CS05069)
- 2) the PCB layout was changed because of the difference in size of crystals (smaller)
- 3) ANT 2 was optional, not used and removed from the layout.

The functional capabilities of the touch screen keyprox were not changed, RF output power not increased, the device operates in the frequency range 912.750-919.106 MHz stated in the FCC grant under FCC ID:WP3KP160. The main reason for the modification was to improve the RF immunity of the product, which still qualifies for certification.

The product testing and this application for certification were performed by Hermon Laboratories, which is listed by FCC, Registration Numbers 90623, 90624. The FCC Designation Number is US1003.

Hermon Labs responsible person is Mr. Michael Nikishin, tel: +972 4626 8440, fax:+972 4628 8277, e-mail: nikishin@hermonlabs.com.

We hope this application satisfies your requirements.  
Please send an invoice to Hermon Labs.

Arick Elshtein, International Standards Department Manager  
Visonic Ltd.

