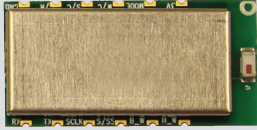


Supra[®] DirectKey[™] Module

Product Sheet



Supra DirectKey[™] Module

Overview

The Supra DirectKey[™] Module is a low-power consumption module designed to retrofit Bluetooth[®] Smart communications to existing hospitality and commercial access control devices. The module provides secure wireless communication of credentials from a user's smartphone to a locking device, eliminating the need for the assignment of traditional security tokens such as magnetic stripe cards and RFID cards. The secure credential payload delivers card data securely to the lock. This can be viewed as a 'virtual' magnetic stripe or RFID card read.

The Supra DirectKey Module utilizes a high performance 2.5Ghz Bluetooth Smart 4.0 radio in a cost effective, pre-certified footprint. Secure Bluetooth Smart communications is achieved through application of an addition security layer provided by the Supra cloud credentialing service.

For detailed and complete product information or installation instructions, contact Supra.

Features

- RoHS Compliant package
- 0.6" x 1.2" x 0.140" Footprint
- -40°C to 85°C Operating temperature
- +2.4dBm Maximum output power
- Operating supply voltage 1.8V to 3.6V
- UART and SPI Communications
- Bluetooth Smart 4.0

End Product Label Requirement

The final end product label must contain the following information:

Contains: FCC ID: TCZ-10103751G1

IC: 1175F-10103751G1

Certifications

United States (FCC)

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada (IC)

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet équipement est conforme à la (aux) norme(s) canadienne(s) d'exemption de licence RSS Industry Canada. Son opération est sujette aux deux conditions suivantes : (1) cet équipement ne provoquera aucune interférence et (2) cet équipement doit tolérer toute interférence pouvant provoquer une opération indésirable de l'équipement.

European Union (CE)

This Class B digital apparatus conforms to the requirements of the following EU directives:

1. R&TTTE Directive (1999/5/EC)
2. WEEE Directive (2012/19/EC)

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