

# Saturn 5000

Fully Integrated, Highly Secure, Contactless Payment Reader



OTI's **Saturn 5000** is the ultimate contactless card reader powering contactless payments, supporting loyalty programs and providing unsurpassed cost-to-performance results.

Supporting such major financial contactless programs, as **MasterCard's PayPass™**, **ExpressPay from American Express** and **Visa Contactless programs**, the **Saturn 5000** reads data from a variety of sources, including credit cards and key fobs that comply with **ISO 14443 type A and B** (with Mifare support).

The **Saturn 5000** uses OTI's patented matched antenna technology to provide:

- More effective power consumption
- Reliable and stable communication
- Additional levels of security and encryption throughout the communication link.

The highly sophisticated, stylishly designed **Saturn 5000** reader supports programmable LEDs with buzzer to give user feedback for convenience. The **Saturn 5000** is designed to occupy minimum shelf space. It can be placed on the counter with various stands and fit different environments, drive thru, box office window and more.

**Saturn 5000's** plug-and-play design makes it easy **to connect to your existing infrastructure and POS terminal**, quickly upgrading it to contactless operations



Science - Non Fiction

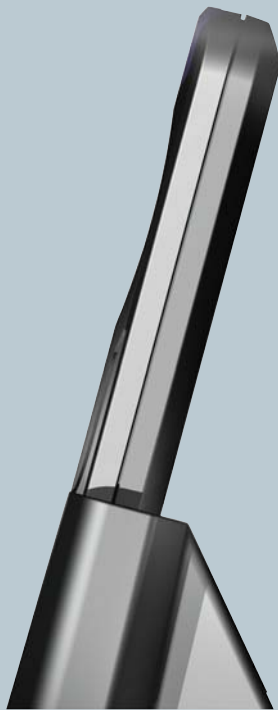


### Interface Options to POS

- RS232 Interface
- RS485 Interface
- USB Interface
- MSR PS2 Interface
- MSR RS232 Interface

### Standards

- Compliant to ISO 14443 Type A & B (with Mifare support)
- FCC part 15 and EN 301 489-3
- MasterCard PayPass compliant
- Visa compliant
- American Express ExpressPay compliant



### Secure and Flexible Platform

- Integrated, sophisticated Smart Card Operating System on board
- Flexible, software-configurable design
- On-board EMV2000 compliant SAM support
- High security encryption system (3DES/RSA)
- In-system programming of reader firmware to 128KB flash memory via standard RS232 / RS485 / USB communication

### General Features

- Dimensions: 6.4" (163mm) H x 4.2" (107mm) W x 0.75" (19mm) D
- Proximity range - up to 4 inches (10 cm)
- 4 In board Indicator LEDs and 4 programmable LEDs.
- Power input from 6.5 to 15VDC / 1.35W

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