

# Saturn 6000

Secured, Modular, Advanced Contactless Payments Reader



**Saturn 6000** is the latest addition to OTI's contactless readers family supporting payment & loyalty programs and providing unsurpassed cost-to-performance results. The Saturn 6000 supports major financial contactless programs, such as **MasterCard's PayPass™**, **ExpressPay from American Express** and **Visa Contactless** programs, and also supporting **EMV with MasterCard's M/chip and Visa Wave**. The **Saturn 6000** utilizing OTI's enhanced firmware architecture is based on multi-layer, multiapplication approach where the application resides separately and securely, resulting in significant reduction of certification cost. The enhanced features offered by the **Saturn 6000** allow for faster transactions and the ability to support multiple application programs and other proprietary programs.

The **Saturn 6000** is available with multiple encryption configurations to ensure the highest level of security in each transaction. The **Saturn 6000 optimized to read** data from a variety of sources, including credit cards and key fobs that comply with **ISO 14443 type A, B** and MIFARE support.

The **Saturn 6000** is equipped with a **large display** screen easily configured to support **multiple languages** and **visible LEDs on both sides of the reader**, offering a quick transaction confirmation, providing an excellent experience at the point of sale. The **Saturn 6000** was built to fit your countertop or can be wall-mounted, taking as little counter space as possible.

The **Saturn 6000** uses OTI's patented matched antenna technology to provide:

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





### Interface options to POS

- RS232/485 & USB Communications interface
- PS2 or RS232 Magnetic Stripe Reader support
- In system programming of reader firmware to 128KB flash memory via standard RS232/485/USB communication
- Supports major POS terminals such as Hypercom, Ingenico, VeriFone and Lipman

### Standards

- MasterCard PayPass, M/Chip
- Visa MSD, VSDC, Visa Wave
- ExpressPay from American Express
- Proprietary Systems
- MIFARE
- NFC
- FCC Section 15 and I-ETS 300 330 s
- ISO 14443 Type A & B



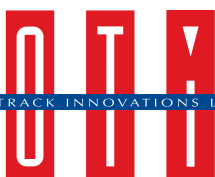
### Secure and Flexible Platform

- Support for multiple applications
- Integrated, sophisticated Smart Card Operating System on board
- High security encryption system (DES/RSA/RNG)
- On-board EMV2000 compliant SAM support

### General Features

- Flexible, software configurable microcomputer-based design
- 13.56 MHz transmission frequency conforming to ISO 14443 standard
- Simultaneous transmission of power and bi-directional read/write data
- Four programmable multiple colors indicator LEDs and buzzer
- Large display screen with two character lines programmable in multiple languages
- H - 5.9" (149.98mm) x W - 3.4" (88mm) D - 0.70" (18mm)
- Available in multiple colors

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