



uno-8

Ultra-compact FeliCa and NFC cashless reader supporting an extensive range of applications

Uno-8's unique form factor makes it the world's smallest FeliCa and EMVCo certified reader. The reader supports other NFC contactless payments like Mifare and P2P, and includes BLE contactless and USB connectivity.

Uno-8 supports multiple mounting options and is designed for unattended retail environments with self-service payment stations, including ATMs, ticketing, kiosks, access control, mass transit, etc.



Features

- ▶ Supports NFC, Felica™ and Mifare
- ▶ EMVCo L1& L2 contactless
- ▶ Optional BLE (Bluetooth v4.1) connectivity
- ▶ ISO18092 P2P
- ▶ Multiple SAM slots
- ▶ Supports USB powered configuration
- ▶ IPX5 for outdoor and indoor installation
- ▶ Various mounting options
- ▶ Modular design by hardware and software
- ▶ Secured remote software update
- ▶ OTI Advanced Host – reader protocol



Supported Applications:



Trademarks are the property of their respective owners

Applications

- › EMVCo L1
- › EMV L2 Entry-Point:
 - › MasterCard PayPass
 - › Visa PayWave
 - › Amex ExpressPay (in process)
- › Apple Pay™
- › Android Pay
- › Felica API
- › Mifare API - Desfire/Classic/Ultralight
- › Pass through:
 - › ISO14443 A/B
 - › Felica JIS: X6319-4
 - › ISO15693
 - › NFC P2P *

SAM Interface

- › Micro-SIM x 2
- › Chip on Board x 1

NFC Interface

- › PCD: ISO14443 A/B, FeliCa JIS: X6319-4, ISO15693, Mifare
- › P2P: ISO 18092 initiator, ISO 18092 target (active only)

Wireless Communication Interface

- › Bluetooth Low Energy (Optional)

Wired Communication Interface

- › Serial - RS232 / RS485 / TTL,
- › USB Device - composite HID, MSD
- › USB Host (5V, 500mA)

CPU Platform

- › Cortex-M3
- › 512KB Flash/128KB RAM

Extended Data Memory

- › 8MB Flash, FAT32 File system, accessible via USB MSD

User Interface

- › Push Button: x 2
- › LEDs:
 - › Payment indication: monochrome
 - › Contactless logo: RGB
- › Audio: Speaker

Environmental

- › Temperature: -20C – +70C
- › Humidity: up to 95%
- › Water Ingress Protection: IPX5

Mechanical

- › Dimensions:

	Height	Width	Depth
On panel	78.6	61.0	21.3
Flush mount	85.4	67.8	21.3
- › Weight: 125 gr.

Mounting Options



* Support for is expected by Q4 2017

Model Name: SATURN 8700



About On Track Innovation (NASDAQ: OTIV)

On Track Innovations (OTI) is a global leader in the design, manufacture and sale of secure cashless payment solutions using contactless NFC technology with an extensive patent and IP portfolio. OTI's field-proven innovations have been deployed around the world to address cashless payment and management requirements for the Internet of Payment Things (IoPT), wearables, automated retail and petroleum markets. OTI distributes and supports its solutions through a global network of regional offices and alliances.

OTI Headquarters

Z.H.R Industrial Park
P.O. Box 32
Rosh Pinna, 1210001
ISRAEL

Tel: +972 4 686 8000
Fax: +972 4 693 8887
Email: info@otiglobal.com

OTI America

517 Route One South
Suite 2150
Iselin, NJ 08830
USA

Tel: +1 732 429 1900
Fax: +1 732 429 1960
Email: info@otiamerica.com

OTI Europa ASEC S.A

Ul. Olszanska 5
Krakow
31-513
POLAND

Tel: +48 12 29 30 200
Fax: +48 12 29 30 205
Email: asec@asec.com.pl

OTI PetroSmart

Block F, the Forum
North Bank Lane, Century City
Western Cape, 7441
SOUTH AFRICA

Tel: +27 21 526 9100
Fax: +27 21 552 6620
Email: info@otipetrosmart.com