



uno-plus

FeliCa and NFC contactless reader with graphical display supporting an extensive range of applications

UNO-Plus FeliCa and NFC contactless cashless reader is designed specifically for automated retail environments supporting an extensive range of applications.

The reader includes a textual display and is compatible with EVA mounting standards making it ideal for vending machines, ticketing, gas station forecourts, gaming machines, self-checkout kiosks, access control, mass transit gates and more.

Features

- ▶ EMVco L1 Contactless EMV
- ▶ Supports NFC, Felica™ and Mifare
- ▶ EMVCo L1 & L2 Contactless
- ▶ Textual Display
- ▶ Optional BLE (Bluetooth v4.1) connectivity
- ▶ ISO18092 P2P
- ▶ Multiple SAM slots
- ▶ EVA standard mounting compatible
- ▶ USB bus powered
- ▶ IP65 for outdoor and indoor installation
- ▶ Modular design by hardware and software
- ▶ Secured remote software update
- ▶ OTI Advanced Host – reader protocol



Supported Applications:



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Applications

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

- › USB 2.0 full speed:
 - › Device - composite HID, MSD
 - › Host (5V, 500mA).

Extended Data Memory

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

User Interface

- › Display: 2 x 16 characters (Japanese & English)
- › Push Button: x 3
- › LEDs:
 - › 4 green LEDs for EMV payment
 - › 2 blue + 2 red LEDs for Felica payment
 - › RGB LED on contactless logo
- › Audio: Speaker

Environmental

- › Temperature: -20C to 70C
- › Humidity: up to 95%
- › Water Ingress Protection: IP65

Mechanical

- › Dimensions:
 - › Height: 105.0 mm
 - › Width: 85.0 mm
 - › Depth: 26.8 mm
- › Weight: 170 gr.



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.

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