Onyx

Compact, eye-catching, contactless payment & telemetry device

Contactless Payments.
Innovative Design.

A complete M2M telemetry and contactless payment solution ideally suited for unattended machine in various applications.

- Contactless device for use with debit, credit & prepaid cards, and mobile NFC payment transactions
- Attractive, compact design to fit smaller machines
- For use in closed and open environments



1 Part of a complete solution

- Seamlessly integrated with telemetry, cashless clearance, monitoring, management and BI
- Monitor machines in real-time with continuously updated information on all aspects of operation
- Inventory, cash monitoring, alerts and reports

2 Intuitive User Interface

- Bright and colorful graphical capabilities
- Touch Screen
- Voice interaction, in local language
- Any language display capabilities
- Tone and loudness controlled buzzer
- LED lighting indicate processing

3 Streamline your operation

- Switch to operation mode to monitor visits
- Applicable to all automated machines

4 Plug and Play

- Remote capabilities & software updates
- Durable and highly secured to prevent vandalism
- Easy to install

www.nayax.com | NAYAX Attending to the Unattended

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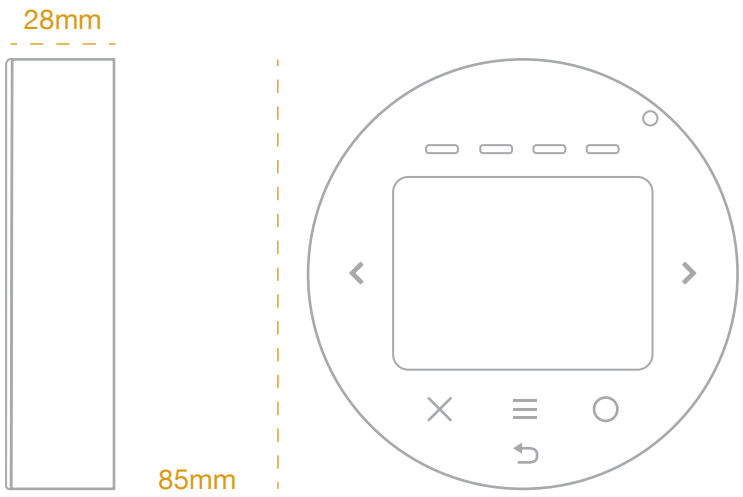

Payment solution for the unattended automated machine operators.

Benefit from simple & easy installation, clearance, and innovative design.

Main Features

- Encryption algorithms & protocols supported: AES/DES/RSA/SHA-1/SSL
- Anti-Vandal with Dragontrail glass
- Bluetooth 4.0 /iBeacon
- Decorative round lighting
- All in one unit – Point Of Sale terminal, modem, reader and machine management
- ARM Technology – 2xCortex, 32 bit, 180/216MHz

Device Specs

- 2.4' IPS, wide angle viewable
- Bright 400 nits with Capacitive Touch
- Dragontrail cover glass, anti-fingerprint coating

Regulatory Compliance

- CE + FCC + RoHS
- Water and splash proof
- ESD hardened

Operating Conditions

Temperature	-30°C - 55°C	-22°F - 131°F
Humidity	5% - 95% (non-condensing)	

Storage Conditions

Temperature	-40°C - 85°C	-40°F - 185°F
Humidity	5% - 95% (non-condensing)	

Standards

- ISO 14443 Type A and B, approved by EMVco
- ISO 15693, FeliCa, MIFARE

Supported Payment Schemes

- Contactless EMV Level 1 Certified*
- Visa payWave, MasterCard PayPass, Interac Flash, UnionPay qPBOC
- Variety of Global and Closed Environment payment schemes
- 13.56 MHz ISO 14443 Type A & Type B, FeliCa, NFC, MIFARE, ISO 16903

Interface & Management

- User Interface: Color Graphic LCD Display 2.4 inch + 4 LEDs + Buzzer + Speaker
- Transaction start/end button
- Power Supply: 12- 24 Volt AC or 12-42 Volt DC ; 5 Watts
- Security - Support of DES, 3DES, AES, RSA, SHA1 algorithms, Random Number Generator
- On-board SAM
- USB device, Ethernet, Wi-Fi and BLE capability
- 2 X RS232 interface (RS232 or TTL level manageable through software)
- Device is Dormant until card approaches
- Web management UI: Control the logistics and usage of the machines
- 1 X Reader interface
- Pulse Interface – 2 X inputs + 2 X outputs
- Sensors – Door open sensor, Temperature sensor
- Multi language support - LCD text & voice audio instructions
- Menu navigation and service functionalities
- External Communication: 2G/3G/4G/Ethernet/WiFi/Bluetooth/NFC
- Machine Interface: MDB/Pulse/VCCS/ccTalk DEX/DDCMP/RS232 interface/JVMA

*Q1/2018

Let Nayax help your business maximize your profits.

Contact us today to learn more.

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