Onyx

Contactless Payments.
Innovative Design.

A complete M2M telemetry and contactless payment solution ideally suited for unattended machines 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

▶

VISA · mastercard · AMERICAN EXPRESS · ＊ Pay · G Pay · SAMSUNG pay · MobilePay · 微信支付 · TWINT · maestro

DISCOVER · JCB · Monyx Wallet · UnionPay 银联 · Interac · 支付宝 ALIPAY · Paytm · EMVCo · swish · V PAY

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

▶ Graphical touch screen
▶ Integrated voice communication in local language
▶ multi-language display capability

3   Marketing and loyalty promotions

▶ Increase consumer engagement
▶ Boost sales for regular customers
    Punch cards, discounts, gamification and more

4   Streamline your operation
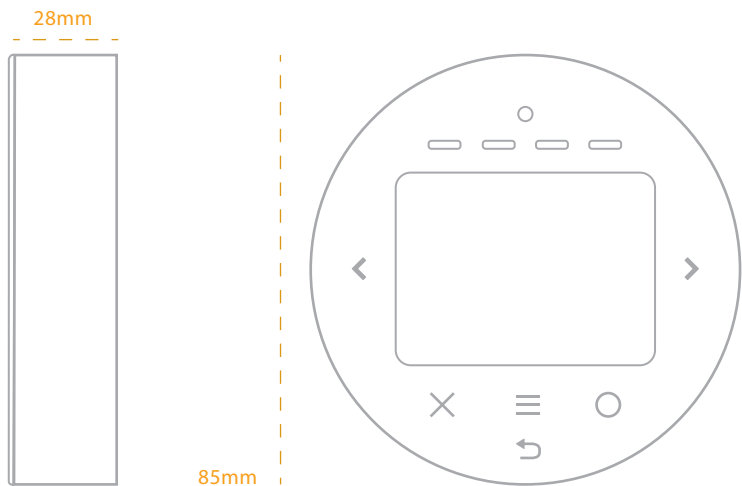
▶ Remote capabilities & software updates
▶ Durable and highly secured to prevent vandalism
▶ Easy to install

NAYAX
Attending to the Unattended

Onyx

Compact, eye-catching, contactless payment & telemetry device

28mm

85mm

Payment solution for the unattended automated machine operators.

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

Installation Environment

Operating Temperature	-20°C to +55°C / -4°F to +131°F
Storage Temperature	-40°C to +85°C / -40°F to +185°F
Humidity	25% to 95% (non-condensing)
Dust & Water Resistance	IP 66
Flammability	CE, FCC, RoHS

Physical Dimensions

Diameter	85 mm / 3.3 inch
Depth	28 mm / 1.1 inch

Interface & Management

Display Screen	Color Touch LCD display 2.4 inch IPS ; 320 x 240 pixels + 4 LEDs + 6 soft touch buttons
Architecture	ARM Technology – 2 x Cortex, 32 bit, 180/216MHz
Audio	Speaker + Buzzer
Localization	Multi language support - LCD text & voice audio instructions
Power Supply	12-42V DC, 12-24V AC; 5 Watts. Recommended External Power Supply: 24V DC / 2Amp
Security	Support DES, 3DES, AES, RSA, ECC, SHA1 algorithms, Random Number Generator
Anti-Vandal	Internal shock/tilt detector, Anti-Vandal Dragontrail glass
Power Loss Protection	Super Caps with safe shutdown mechanism
External Interface	Ethernet, 2 X RS232 (RS232 or TTL level through SW), External reader, 1 X door open sensor, 1 X temperature sensor
Pulse Input/Output	6 pulse input/output interfaces + 1 Inhibit input
Communication	3G/4G/Ethernet/NFC
Vending Machine Protocols	MDB /DEX / DDCMP / Pulse / VCCS / ccTalk / JVMA

Nayax reserves the right in its sole discretion to make any modifications without prior notice.

Payment Support

Contact	EMV Level 1 , EMV Level 2		Level 2: Visa payWave, MasterCard PayPass, Interac Flash, UnionPay qPBOC, AMEX ExpressPay, JCB J/Speedy, FeliCa, Interac Flash, , Discover D-PAS, CUP QuickPass, SuiCa
Magnetic Stripe	ISO 7811 and JIS I Tracks 1,2,3 JIS I	Contactless	
Other Cards Supported	13.56 MHz : NFC, MIFARE, ISO 14443 Type A and B, ISO 15693, SONY® FeliCa		

Let Nayax help your business maximize your profits.
Contact us today to learn more.