Nayax

Onyx

Compact Contactless Card Reader and Telemetry Device for Automated & Self-Service Machines

Plug & Play Installation

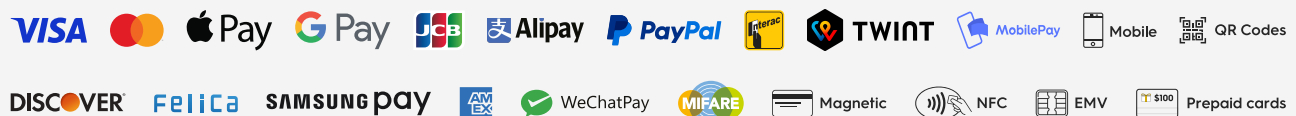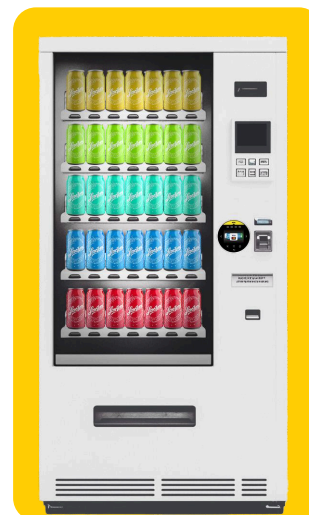**Multi-Lingual Voice and Text Interaction**

Remote Management & Updates

Support All Major Protocols

Accepts all types of payment methods

* Debit and Credit cards

* Mobile and NFC Payments

* Contactless payments

* Prepaid cards and closed environment solutions

* QR codes

VISA · Mastercard · Apple Pay · G Pay · JCB · Alipay · PayPal · Interac · TWINT · MobilePay · Mobile · QR Codes

DISCOVER · FeliCa · SAMSUNG Pay · AMEX · WeChatPay · MIFARE · Magnetic · NFC · EMV · Prepaid cards

The Nayax difference:

A complete solution for your business

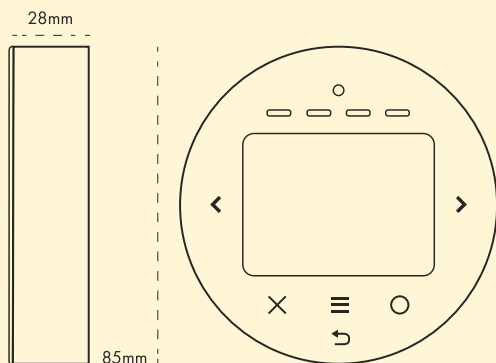✓ Advanced Payment Technology

✓ Integrated POS

✓ Actionable Management Suite

✓ Marketing & Loyalty Solutions

28mm

85mm

A complete payment solution for self-service & automated machine operators.

Easy to install, innovatively designed, built for your business success.

Installation Environment

Operating Temperature	-20°C to +55°C / -4°F to +131°F
Storage Temperature	-30°C to +85°C / -22°F to +185°F
Humidity	25% to 95% (non-condensing)
Dust & Water Resistance	IP 55
Flammability	UL-94 V0

Physical Dimensions

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

Interface & Management

Display	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
Security	Support DES, 3DES, AES, RSA, ECC, SHA1 algorithms, Random Number Generator
Power Supply	12-42V DC, 12-24V AC; 5 Watts. Recommended External Power Supply: 24V DC / 2Amp
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	4G/Ethernet/NFC
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

Contactless	Emv Level 1, Level 2: Visa payWave, MasterCard PayPass, Interac Flash,UnionPay qPBOC, AMEX ExpressPay, JCBJ/Speedy, FeliCa, Interac Flash, , Discover D-PAS, CUP QuickPass, SuiCa	**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!