

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



Apple Pay

Google Pay

JCB

AMEX

支付宝 ALIPAY

PayPal



TWINT

MobilePay



Mobile



QR Codes

DISCOVER

Felica
CERTIFIED

SAMSUNG pay

微信支付
WeChat Pay

MIFARE



NFC



Prepaid cards

The Nayax Difference: A Complete Solution for Your Business



Advanced Payment
Technology



Integrated POS



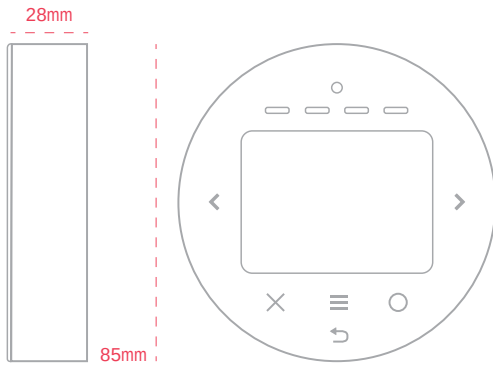
Actionable
Management Suite



Marketing &
Loyalty Solutions

Nayax

www.nayax.com



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
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Let Nayax help your business maximize your profits!