

CM5-X

Android POS with PIN pad

Discover the new ITOS CM5-X for POS Integral Management.

The new ITOS CM5-X is an innovative mobile POS with built-in payments, UHF RFID and 1D/2D barcode scanner. It was built to unify your inventory, express checkout, as well as, sale and payment processes.



Smart POS CM5-X

Innovative, Secure and mobile

ITOS introduces the new Smart POS CM5-X, a multifunctional Android device that will upgrade store management. A new device of modern and avant-garde design which unifies inventory, express checkout, as well as, sale and payment processes.

ITOS anticipates new trends in the retail technology market. A solution designed to optimize processes, save costs and improve the consumer's shopping experience will become more attractive and necessary to retailers.

The ITOS CM5-X with built-in payments, 1D/2D barcode reader and UHF RFID, guarantees faster and more efficient task completion. Furthermore, with this innovative device sales and checkout can happen exactly where the client is located. A mobility and payment solution that will help retailers increase their sale opportunities. The CM5-X terminal also offers other benefits such as:

- A single device for POS integral management: barcode and UHF label scanning, accepting payments, anti-theft alarm
- disarming, etc.
- A modern payment experience.
- The use of the Digital Receipt: greater comfort and environmental benefit.
- Shopping with no queues or waiting times.
- Greater flexibility in business management: the Android terminal is compatible with any app, working locally or in the cloud.



The CM5-X, incorporates other technical features: 5-inch HD color screen; 3,000mAh battery with 3.8 V. lithium ion; memory up to 2GB RAM 16 GB ROM; dual camera, 5MP rear and 2MP front; Contactless, magnetic stripe and smart card readers; 3G, 4G and LTE communications, in addition to Dual SIM, Dual SAM, BT and WiFi 2.4GHz, 802.11a/b/g/n.

ITOS offers several versions of the terminal, with different integrated reading solutions: UHF, 2D barcode, UHF and 2D barcode, and fingerprint readers.

ITOS' Smart POS complies with the international PCI PTS security standards for all types of card and mobile payments such as ApplePay, SamsungPay or AliPay, among others.

The CM5-X is also compatible with the ItosPayGest MDM for the remote management of payment terminals and financial Institutions' apps.

Main Specifications:



Android open architecture
Operating System

5"

Capacitive LCD
(720 x 1280)



PCI PTS POI Version 5.X
EMV Level.1, EMV Level.1 Contactless
Visa payWave;
Mastercard PayPass



4G
WiFi
Bluetooth



3,000mAh
3.8V lithium ion

TECHNICAL SPECIFICATIONS

Technical Characteristics:

Operating System:	Android open architecture system
Microprocesador:	Quadcore + CPU especializada en transacciones financieras
Memory:	1GB RAM + 8GB Flash 2GB RAM + 16 GB Flash (optional) 512MB RAM + 4GB Flash (optional) Micro SD slot up to 32GB
Magstripe reader:	Type: ISO 7811, Simultaneous bidirectional reading of tracks 1, 2 and 3
Smart card reader	ISO 7816-1/2/3
Contactless:	NFC 13.56MHz, ISO 14443-A/B MIFARE card reading Visa payWave; Mastercard PayPass

Physical characteristics:

Display:	5" LCD (1280 x 720) Capacitive touchscreen
Dimensions:	155mm x 72.5mm x 16.9mm
Weight:	240 g (battery included)
Camera:	Front: 2 megapixels (optional) Back: 5 megapixels, autofocus, Flash LED
Rechargeable Battery:	3.000mAh; 3,8 V Li-ion
Card Slots:	SIM and Dual SAM Dual SIM and SAM (optional)

Ambient Conditions:

Operating:	0°C to 50°C
Storage:	-20°C to 60°C
Relative Humidity:	5% to 95%

Communications:

Frequency:	GSM/GPRS/EDGE: 850/900/1800/1900MHz WCDMA : B1/B2/B5/B8 HSUPA /HSPA+EVDO: EVDO Rev.A 800MHz, TD-SCDMA: B34/B39, TDD-LTE: B38/B39/B40/B41 FDD-LTE : B1/B2/B3/B5/B8
WiFi:	2.4GHz, 802.11a/b/g/n
Bluetooth:	4.2/4.1+HS/4.0/3.0+HS/2.1+EDR
GPS:	GPS / BEIDOU / GLONASS
Conector:	USB type C

Certifications:

Security:	PCI PTS Level 5.X EMV Level 1, Level 2; EMV Level 1 Contactless; Visa payWave, Mastercard PayPass
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Accesorios:



IRF-50
Long-range UHF RFID reader



Case for CM5-X



Charger Cradle for CM5-X



Multifunctional Station
for CM5-X

Itos Technology S.L

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TECHNICAL SPECIFICATIONS

1D barcode reader:

Image Sensor:	lineal CCD
Processor:	ARM32-bit
Resolution:	1500
Decoding:	≥3mil / 0.076mm (PCS90%, code 39)
Symbologies:	UPC-A, UPC-E, EAN-8, EAN-13, ISSN, ISBN, Code 128, GS1-128, ISBT 128, Code 39, Code 93, Code 11, Intercalado 2 de 5, Matriz 2 of 5, Industrial 2 of 5, Estándar 2 of 5 (IATA), Codabar (NW-7), Plessey, MSI Plessey, RSS, China Post, etc.
Speed decoding:	Decoding Speed: Max. 300 times /s
Reading angle:	inclination: ± 50 °; Rotation roll: ± 30 °; Deviation: ± 50 °
Reading Field:	55 mm ~ 330 mm

2D barcode reader:

Light:	LED 630 nm; White LED
Speed:	Max 25 cm / s
Resolution:	640 x 480, 256 niveles de gris.
Reading Angle:	45 ° (Horizontal), 30 ° (Vertical)
Symbologies:	Australia Post, Aztec, BPO, Canada Post, Codabar, Codablock, Code 11, Code 39 / Code 93, UPC / EAN, Code 128 / EAN128, DataMatrix, Dutch Post, EAN.UCC Composite, interleaved 2 of 5, Japón Post, Matrix 2 de 5, MaxiCode, MicroPDF417, Code MSI, PDF417, Planet, Code Plessey, Postnet, Code QR, RSS, Estándar 2 of 5, Telepen, TLC 39.
Mx. Distance Reading:	40 cm.

Fingerprint reader:

Reading Ability:	scan up to 1000 fingerprint
Reading Depth:	1024 bytes
Reading Time:	<0.6 s
Communication way:	USB2.0 o UART (logic 3.3V-TTL)

UHF RFID reader:

Protocol:	ISO 18000-6C / EPC C1G2
Reading distance:	3 meters
Data interface:	TTL-RS232

ITOS provides personalized mobility and payment solutions, as well as a national maintenance service adapted to the particular needs of each client.

Versions:



CM5-X/Fingerprint reader



CM5-X/ UHF reader



CM5-X /1D/2D



CM5-X/ UHF/1D-2D readers

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