

BP-55

Last generation PIN pad

Discover the new BP-55 from ITOS, a Contactless EMV Payment terminal. Payment solution suitable for both mobility applications and fixed installations.



Mobility and Payments

BP-55

Last generation PIN pad

The PIN pad BP-55 is an EMV contactless terminal that due to its dimensions, ergonomics and connectivity is the ideal payment solution for both mobility applications and fixed installations.

The new Pinpad - with the cheapest price within its category - offers a number of advantages for the point of sale:

- Compatible with all types of card transactions: chip, magnetic stripe, Contactless and payment method alternatives.
- Easy integration in any environment.
- Payment security with PCI PTS 4.x certification.
- Extensive catalog of accessories that adds new uses to terminal.

A small and lightweight device of 71 x 133 x 19 mm and only 180 grams in weight, which also has other technical characteristics: ARM Cortex M3 microprocessor and RAM of 384 KB, 64 KB of ROM and 1MB of Flash memory. The terminal incorporates RS-232 communications - for supermarket cash lines and points of sale in general - Bluetooth 4.2, WiFi, SIM and SAM modules that improve communication performance ensuring fast and reliable transactions, as well as a lithium battery 1,180 mAh.

In addition, the payment device includes the following bank card readers:

- Magnetic stripe card reader: ISO type 7811 with bidirectional simultaneous reading of tracks 1, 2 and 3.
- Chip reader: EMV level 1, ISO 7816-1 / 2/3.
- Contactless: Visa payWave; MasterCard PayPass; AMEX ExpressPay.



The BP-55 has a wide range of accessories that add capabilities to the payment terminal at the point of sale. Charging and Communication Base of only 140g. Weight, 58 mm mobile printer for receipt printing and Scanner, with Opticon MDI-4000 image engine, which facilitates the tasks of reading 1D / 2D barcodes.

Finally, the payment terminal has a SpacePole® Communication and Charging Support that connects the device with the POS terminal, while facilitating its charging at any time. The accessory features ergonomic and safety design technology from the leading manufacturer of POS stands.

The BP-55 PIN pad, optimized for integration with smartphones and tablets iOS, Android and Windows, is ideal for businesses, businesses and professionals in the hospitality, catering and retail sectors that need to accept all types of card transactions banking and faster payment processes.

Main specifications:



Compatible with:
Android, iOS
Windows

2.4"

(320 x 240 pixels)
Color touch screen
for signature collection



PCI PTS 4.X
EMV Lvl 1, EMV Lvl 2;
EMV Lvl 1 Contactless
Visa payWave; AMEX ExpressPay
MasterCard PayPass; Apple Mfi



Wi-Fi IEEE 802.11 b/g/n
Bluetooth 4.2
Modem 3G
SIM and SAM
RS-232



Rechargeable battery
1,180 mAh, 3.7 V
Li-ion.

TECHNICAL SPECIFICATIONS

BP-55

OS Compatibility

Android, iOS and Windows

Microprocessor:

ARM Cortex M3 Security Microcontroller

Memory:

384 KB RAM

1MB Flash Memory

64 KB de ROM

Magstripe Reader:

Type: ISO 7811, Simultaneous bidirectional reading of tracks 1, 2 and 3

Smart card reader:

EMV level 1, ISO 7816-1/2/3

Contactless:

Visa payWave; MasterCard PayPass; AMEX ExpressPay

Discover D-Pas; UnionPay QuickPass; JCB J/Speedy

Communications:

USB OTG and RS232 through micro USB connector or 6 contacts for connection, support for BP-55; SIM, BT 4.2 BLE (optional), BT 3.0 Class 2 (optional), WiFi (optional), 3G Modem (optional) and SAM (optional); Profile Serial Port, Protocol of iPod accessories.

Rechargeable battery:

1,180 mAh, 3.7 V Li-ion

Graphic display:

2.4" colourful touch screen display; 320 x 240 pixels

Touch screen for electronic signature

Keyboard:

On/Off, 15 keys, including 5 functional keys

Dimension & Weight:

71 mm x 133 mm x 19 mm / 180 g

Ambient Conditions:

Operating: 0°C to 40°C / 5% to 70% Relative Humidity

Storage: -15°C to 50°C / 5% to 70% Relative Humidity

Certifications:

CE,FCC,PCI PTS 4.X, EMV L1&L2, EMV Level 1 Contactless

Visa payWave, MasterCard PayPass and AMEX ExpressPay, Apple Mfi

Mobile Print

Printing Mechanism:

Seiko Instruments LTP01-245-05

Printing Speed:

12 lines per second

Paper Width & Thickness:

58 mm / 60 to 72 µm

Max Roll Diameter:

50 mm

Connectors:

USB Type-C port

Battery:

2160 mAh Li-Ion Battery 3.6 V,

Dimension & Weight:

80 x 191 x 55 mm / 245 g

Charging cradle for Printer

Connectors:

Contact pins (Cradle)

Dimension & Weight:

90 x 198 x 28 mm / 130 g

2D Mobile Scanner

Barcode Reader:

2D Opticon MDI-4000 - 640 x 480 CMOS

Dimension & Weight:

81 x 52 x 26 mm / 30 g

Communication and Charging Cradle

Indicator:

Luminous battery

Dimension & Weight:

75 mm x 165 mm x 50 mm / 140 g

Accessories:



Mobile Print



Charging cradle
for Printer & PIN pad



2D Mobile Scanner



Communication
and Charging Cradle

As also...



Communication
and Charging Stand

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