



Portable PINPad BluePad-500



Bluepad-500 is the most Universal Mobile Payment Solution. It accepts all forms of payment: Magnetic stripe, EMV Chip&PIN and Contactless cards and includes 2D barcode scanner, which makes BluePad-500 a powerful POS device.

The BluePad-500 meets the latest EMV and PCI PTS 3.x specifications for encrypting PIN-entry devices.



Specification BluePad-500

Processor	MAXIM USIP Professional, version IC400C
Memory	<ul style="list-style-type: none"> • 128 KB of SRAM • 256 KB of Lockable Flash Memory • 128 KB of ROM
Application Memory	8 MB application accessible flash
Display	LCD, monochrome, 128 x 32
Keypad	<ul style="list-style-type: none"> • ON / OFF key • 10 numeric keys • 5 functional keys
Magnetic Card Reader	<ul style="list-style-type: none"> • 3-track bi-directional reading • ISO 7810, 7811 and 7813
Smart Card Reader	ISO7816, EMV L1 certified
Contactless Card Reader for payment applications (option)	<ul style="list-style-type: none"> • VISA PayWave qVSDC and MSD • MasterCard PayPass M/Chip and MagStripe • AMEX ExpressPay EMV and MagStripe • Discover D-PAS and ZIP
Barcode Reader (option)	Newland EM3096 - Image Sensor 640×480 CMOS, High Performance 2D Imager Scan Engine
Supported Barcode Types	<p>• 1D Barcode Scanner Supported Symbolologies: Code128, UCC/EAN-128, AIM 128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS) (RSS-14, RSS-Limited, RSS-Expand)</p> <p>• 2D Imager Supported Symbolologies: PDF417, QR Code(QR1, QR2, Micro QR),Data Matrix (ECC200, ECC000, 050, 080, 100, 140)</p>
Battery	Rechargeable Li-Ion battery 3.7 V / 1300 mAh
Connectivity	<ul style="list-style-type: none"> • Apple 9 pin connector • Pass-through sync through mini USB
OS compatibility	iOS, Android, Windows, Windows Phone 8, Windows Mobile
Device compatibility	Apple iPhone 5C / iPhone 5S, Flat for any BT device
Buttons	1 scan button
LED indication	4 LEDs for transaction and device status
Audio indication	Electro-Magnetic Buzzer
Reliability	<ul style="list-style-type: none"> • 500 000 chip card cycles • 1 000 000 magnetic card swipes • 1 000 000 single button clicks
Certifications	CE, FCC, EMV Level 1, EMV Level 2, EMV Level 1 Contactless, PCI PTS 3.x, Apple® MFi
Dimensions (LxWxH), mm	145 x 68 x 27 for iPhone 5C / 5S 145 x 68 x 23 for Flat version
Weight, g	188 for iPhone 5C / 5S 182 for Flat version
Environmental	Operating: -10°C to +40°C / 5 to 90% RH Storage: -15°C to +50°C / 5 to 90% RH
Power Supply	<ul style="list-style-type: none"> • 5V through mini USB • 5V through Single or 5 stations charger
Accessories	<ul style="list-style-type: none"> • Single station charger - SC-1 • 5 stations charger - GC-5



MCR



SCR



BCR



CCR

