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Innovating Perfection

Portable PIN-Pad
BluePad-500

BluePad-500 is available in three versions. The iPod and iPhone versions are designed to pair with the respective Apple product, whereas the Flat version is compatible with Android and Windows devices via Bluetooth. An optional Bluetooth upgrade enables the BluePad-500 Flat to connect wirelessly to iOS devices, thus allowing a wide compatibility range.

The mini USB receptacle supplies USB and serial connectivity and Pass-through sync, ensuring access to both the device and the paired iPod or iPhone. The cable and charging stations also recharge both batteries, so you never really have to get your Apple devices out of the pinpad.

Every version of this pinpad is fitted with a Magnetic Stripe Reader, EMV Chip&PIN. The Contactless Card Reader and the 2D Barcode Scanner are optional additions to its base.

The BluePad-500 complies with EMV and PCI PTS 3.x specifications for encrypting PIN-entry devices.

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BluePad-500	
Processor	MAXIM USIP Professional, version IC400C
Memory	128 KB of SRAM 256 KB of Lockable Flash Memory 128 KB of ROM 8 MB application accessible flash 32 KB FRAM (optional)
Display	LCD, monochrome, 128 x 32
Keypad	ON / OFF key, 10 numeric keys, 5 functional keys
Magnetic Card Reader	Triple track bi-directional
Smart Card Reader	Landing type
Contactless Card Reader (option)	Supports VISA, MasterCard, American Express, Discover MiFARE Mini MiFARE Classic 1K / 4K MiFARE Ultra-Light / Ultra-Light-C MiFARE Plus 2K / 4K ISO / IEC 14443 A&B ISO / IEC 15693 DESFire FeliCa
Barcode Reader (option)	Newland EM3096 - Image Sensor 752×480 CMOS, High Performance 2D Imager Scan Engine
Supported Barcode Types	**1D Barcode Scanner Supported Symbologies:** 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) **2D Imager Supported Symbologies:** PDF417, QR Code (QR1, QR2, Micro QR), Data Matrix (ECC200, ECC000, 050, 080, 100, 140)
Battery	Rechargeable Li-Ion 3.7 V / 1300 mAh
Connectivity	Apple 9 pin connector Pass-through sync through mini USB
OS compatibility	iOS, Android, Windows, Windows Phone, Windows 10 Mobile
Device compatibility	iPhone 5C, iPhone 5S, iPod 5
Buttons	1 scan button
LED indication	4 LEDs for contactless payment transactions
Audio indication	Electro-Magnetic Buzzer
Reliability	500 000 chip card cycles 1 000 000 magnetic card swipes 1 000 000 button clicks
Certifications	CE, FCC, PCI PTS 3.x, EMV Level 1 Contact, EMV Level 2 Contact, EMV Level 1 Contactless, VISA payWave, MasterCard Contactless, American Express Expresspay, Discover Zip, Apple® MFi
Dimensions (LxWxH), mm	145 x 68 x 27 for iPhone 5C / 5S version 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
Drop Test	1 m, 6 faces + 4 edges on concrete
Power Supply	5V through mini USB 5V through Single or 5 stations charger
Accessories	Single station charger (GT1) 5 stations charger (GT5)

MCR

SCR

BCR

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CCR

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