DATECS
Innovating Perfection

Portable PIN-Pad
BluePad-50

BluePad-50 is a compact, lightweight, Bluetooth-enabled mobile payment solution. It allows all types of card payment - magnetic stripe, EMV Chip&PIN and contactless. It is a powerful, convenient and stylish device that fits in the palm of your hand.

The BluePad-50 complies with EMV and PCI PTS 3.x specifications for encrypting PIN-entry devices.

BluePad-50	
Processor	MAXIM USIP Professional, version IC400C
Memory	128 KB SRAM 256 KB Lockable Flash Memory 128 KB ROM 8 MB application accessible flash memory 32 KB FRAM (optional)
Display	LCD, monochrome, 128 x 32, backlight (optional)
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
Battery	Rechargeable Li-po 3.7V, 620 mAh
Connectivity	RS232 USB Device Host (via external power supply) BT 3.0 Class 2 - SPP - Serial Port Profile - iAP - iPod Accessory Protocol
OS compatibility	iOS, Android, Windows, Windows Phone, Windows 10 Mobile
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	110 x 69 x 17
Weight, g	123
Environmental	Operating: -10 °C to +40 °C / 5 to 90% RH Storage: -15 °C to +50 °C / 5 to 90% RH
Drop Test	1.5 m, 6 faces + 4 edges on concrete
Power Supply	5V through mini USB 5V through Single charger
Accessories	Single charger (GT1) Stand (DST-50)

SCR

MCR

CCR

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