

POS Terminal BluePad-5000



BluePad-5000 is the newest member in Datecs portfolio of payment terminals. Though it looks like a classic terminal it inherits all the advantages of Datecs mobile payment terminals.

BluePad-5000 meets the latest EMV and PCI PTS 4.0 requirements and supports all major contactless card schemes - PayPass, PayWave, Amex, Discover and JCB. It also provides a rich variety of communication channels – GPRS, Bluetooth, Wi-Fi, USB, RS-232, etc.

BluePad-5000	
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 of FRAM (optional)
Display	LCD, monochrome, 128 x 64, backlight Color LCD, 220 x 176 (optional)
Keypad	ON / OFF key, 10 numeric keys, 5 functional keys, Backlight
Magnetic Card Reader	Triple track bi-directional
Smart Card Reader	Landing type
Contactless Card Reader for payment applications (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
Printer	Printing method: Direct line thermal Printing width: 48 mm, 384 dots per line Printing resolution: 8 x 8 dots/mm Printing speed: Max 100 mm/sec Paper specification: 58 mm width, 40 mm roll diameter Paper loading: EasyPaper Loading
Battery	Rechargeable Li-Ion 7.4V/1300 mAh
Connectivity	RS232 USB - Device BT 3.0 Class 2 (Optional): - SPP - Serial Port Profile - iAP - iPod Accessory Protocol Wi-Fi IEEE 802.11 (Optional): Supporting b/g/n GSM/GPRS (Optional): Quad-band 850/900/1800/1900MHz, GPRS Class 12, SIM Holder, SAM holder
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	172 x 76 x 49
Weight, g	320
Environmental	Operating: -10 °C to +40 °C / 5 to 90% RH Storage: -15 °C to +50 °C / 5 to 90% RH
Power supply	9V DC through power jack