

# SP1000EP

# Mini Reader PED

## Feature

- 32-bit processor with high performance
- High quality silica gel with long life
- ISO7810 and ISO7811 compliance
- ISO7816, EMV Level 1 compliance
- Option PSAM card \* 2 units maximum
- Support DES/3DES/AES/DUKPT encryption
- LED: Indicating the operation status of the system
- Operating Voltage: DC +4.75V ~ +5.25 / 100mA



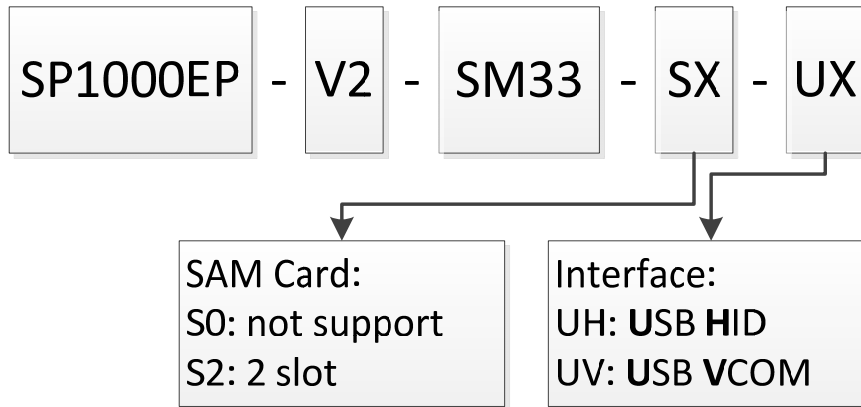
## Specification

Item	Description
<b>CPU</b>	32-bit processor with high performance, highly integrated circuits and low power consumption
<b>Key Pad</b>	Material: High quality silica gel with long life Life: Long life type Longwearing: High quality spray painting for long lasting printing on keys Input: Support digits and function input PIN Encryption: None / DES / 3DES / AES / DUKPT
<b>Magnetic Card</b>	Standards: ISO7810 and ISO7811 compliance Tracks: Dual-track reading of bank cards' Track2&3 or VISA/ Mater cards' Track 1&2 Option to upgrade to triple-track reading for both banks and credit cards F2F decoder chip: High quality chip M3-2300 for POS machines Life of magnetic head: 500K passes minimum Number of magnetic head: Single-sided magnetic head for card swiping Swiping direction: bi-directional data decoding Swiping speed: 10 ~ 100cm/sec
<b>IC Card</b>	Standards: ISO7816, EMV Level 1 compliance Socket: 1 unit Card Types: CPU Cards (ISO7816, EMV2000 and PBOC3.0); Logic encryption cards- SLE4428 and SLE4442; Memory cards- AT24C01, AT24C02, AT24C04, AT24C08, AT24C16 Socket Life: 100K insertions minimum Socket design: Structure with strengthened design for not breaking easily
<b>SAM</b>	PSAM card: Optional PSAM card * 2 units maximum and communication speed upto 38400 bps
<b>I/O Controls</b>	LED: Indicating the operation status of the system
<b>Dimension</b>	110 * 70 * 25.4 (Height) mm
<b>Communication Interface</b>	Mini USB interface and USB 2.0 support
<b>Software Support</b>	Driver, libraries and demo program for Microsoft Windows and Linux operating systems

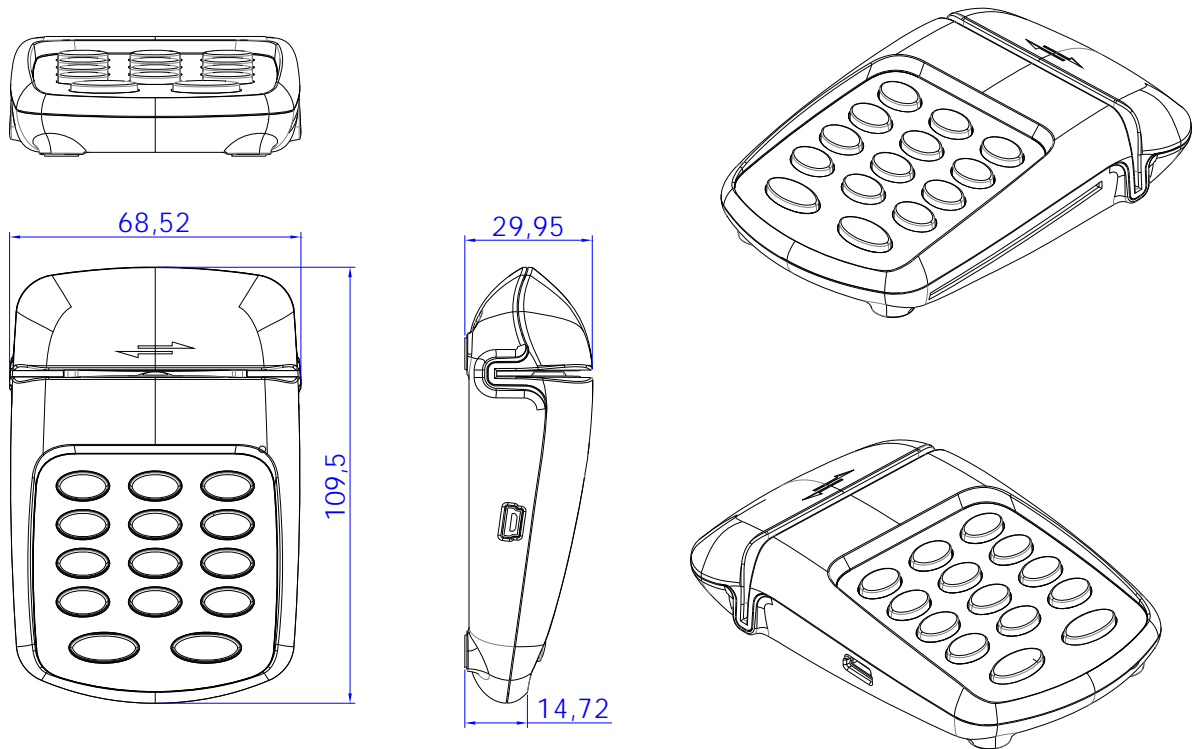
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## Model Description



## Dimension



## Version History

No.	Version	Date	Modification
1	V1.0	2015/3/12	First creation