

Sagem Denmark Flexi PED

Point of Sales Terminal for:

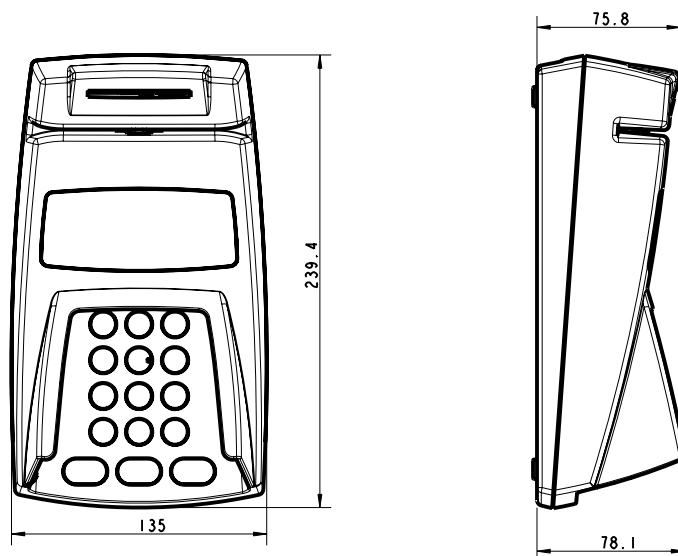
- High volume electronic transaction environments
- Retail trade



- High Security PIN Entry
- Simple User Interface
- Ergonomic Design
- Integrated Privacy Screen
- Platform for Secure Operations
- EMV Compliant
- Ideal for Multi-lane Environments
- Fast and User Friendly
- Reduced Communication Costs
- Easy Integration



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User Interface

Keypad: The keypad for PIN entry features round digit keys with clear legends. Digit 5 has tactile marking to assist visually impaired users.

Chip Card Reader: ISO 7816 and EMV Level 1 compliant.

Magnetic Stripe Card Reader: Reads ISO7812 cards.

Supports two tracks either 1+2 or 2+3.

Function Keys: Provides keys for Cancel, Clear and Enter. These keys are oblong. Two additional keys are available for other functions, such as application selection. Legends can be customised.

Display: Graphic LCD display (128x64 pixels). Standard font provides four lines of 16 characters. The display has back-light and it is located in the tamper evident secure zone.

Colours: A standard colour scheme is provided by SAGEM Denmark. Alternative colours can be offered.

Electrical interfaces

Power Supply: 230V/50Hz mains power supply is provided.

Serial link to POS-terminal: RJ45 plug according to RS232-D. Maximum communication speed 115.2 Kbaud.

Integration

Documentation and serial API is provided for Windows (dll) or Java. Support for the integration is provided by SAGEM Denmark.

Secure SW Application

SAGEM Denmark will provide a secure application for PINentry, MAC-coding etc. Specifications for this application can be negotiated.

Approvals

The chip-card reader is EMV Level 1 approved. The HW complies to Visa PED. Visa PED approval is needed for specific SW implementations. SAGEM Denmark will handle this approval and provide a test report from T-Systems if required.

Additional Security Measures

In addition to the security requirements of Visa PED, the Flexi cabinet is tamper responsive if attacked from below. The address- and data-busses of the MPU are encrypted.

Application MPU (optional)

Network enabled ARM7 platform. Provides RJ45 ethernet interface. Alternative options for acquirer communication are analogue modem (PSTN) or ISDN.

Payment Application (optional)

Contact SAGEM Denmark for availability of EMV Level 2 compliant payment applications for specific markets and platforms.

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