

Sedna CL

DIFFERENTIATORS

- > DES, 3 DES and RSA Cryptographic algorithms processed by hardware
- > PCI online and offline certified
- > EMV 2000 Level 1 and 2 certified
- > The ideal solution to upgrade existing point of sale and retailer cash register to comply with new EMV and PIN entry standards



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>> TECHNICAL FEATURES

Human Interface	Graphic 128 X 32 pixels LCD with backlit High reliability 19 key keypad ergonomically designed with tactile feedback and backlit Easily accessible smart card reader Privacy shield according with PCI rules
Electrical Interface	RJ11 / TTL (RS232 with an optional RJ11 to DB-9 converter with wall mount power supply adapter)
Memory	32K EEPROM used for transaction storage and parameters 1MB lithium battery backed-up RAM for application and data 5 years minimum data retention
Smart Card Reader	EMV Level 1 certified, ISO 7816 1-2-3, Async./Sync, T=0, T=1
Magnetic Card Reader	Tracks 1+2 ISO, bidirectional
Internal SAM SLOTS	Incorporate 4 SIM slot with external access
Protections	Tamper responsive, tamper resistant and tamper evident according to ISO 13491
Security	High security microprocessor Standard DES, triple DES and RSA cryptographic algorithms (hardware implemented) Key management according to ISO 11568-1, 2, 3
Power	9 to 12 VDC/300mA supplied by the hosting EFT terminal or by an optional adapter with wall mount power supply
Mechanical	Dimensions: 75 mm (W) x 175mm (L) x 50mm (H) Weight: 350g
Environmental	Operating temperature: 0° to 40° Celsius Operating humidity: 5% to 90% non-condensing
Approvals	EMV 2000 Level 1; EMV 2000 Level 2; PCI

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