iSC250

The iSC250 range is part of the new iSC range of multimedia secure payment terminals

Based on a decade of Ingenico experience in signature capture and touch-screen technology, the iSC250 represents a unique combination of security and performance, leveraging the multimedia enabled Telium 2 platform. Much more than just a payment device, the iSC250 enables retailers to leverage solutions that bring real value to their businesses and customers – true digital signage exploiting WQVGA color and multimedia, web-based vertical application delivery via Incendo Online, and digital end-to-end transaction security solution.

| Security | Smartcard | Magstripe | Contactless | Color Display | Signature Capture |

ingenico®

iSC250

Design/ergonomics

The iSC250 benefits from a modern, clean-cut design, and fits neatly into every environment, from retail to banking and many more. The iSC250 goes far beyond a traditional "Signature Capture" device, offering retailers and solutions providers the most advanced multimedia enabled payment terminal on the market, enabling rich interactivity with cardholders in ways previously not possible.

Performance

Thanks to Ingenico's Telium2 architecture and its EMV level 2 kernel, the ISC250 delivers high speed processing of powerful cryptographic algorithms to make fast-paced transactions a reality. Tamper resistant and tamper responsive, the iSC250 steps up the security and transaction versatility of your payment system by providing additional confidentiality at the PIN entry stage.

Media

The iSC250 accommodates every possible payment method including PayPass®- and PayWave®- approved contactless and mobile phone (NFC) media. It offers true convenience for shoppers and merchants.

Security

Built around Ingenico's industry proven highly secure core to provide assured secure data and application management, the iSC250 delivers the ultimate in secure transactions for retail. Fully EMV and PCI PTS V2 and V3 certified, it supports the latest in international security algorithms (DES, TDES, RSA, DUKPT and Master/Session). It is equipped with a recessed keypad to provide integrated PIN entry privacy shielding, preventing shoulder surfing from side viewing angles.

Communications

The iSC250 encompasses a wealth of connectivity. Alongside powered serial, USB ports and Ethernet connection interfaces, the iSC250 delivers truly impressive integration capabilities.

Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. Uniquely, the iSC250 is backwards compatible with all 800+ Ingenico Telium services and applications, while providing the rapid development environment on which to build a compelling portfolio of targeted, new generation services.

Field services

To reduce total cost of ownership and enable banks and merchants to maximize their terminal investments, Ingenico provides a comprehensive range of terminal and software update and management services – both remotely and in the field. Fully certified professional and local language helpdesks operate in every territory to ensure Ingenico is on hand to support customers 24 hours a day, seven days a week, 365 days a year.

NAME			iSC250
Processor	Main processor	Thunder (ARM9), 450 MIPS	●
	Crypto processor	Booster (Arm7), 50 MIPS	●
Memory	Internal	128 Mbytes Flash Nand	●
		64 Mbytes SDRAM	●
	External	µSD supporting up to 32 Go Gb	●
OS		Telium 2	●
SAM slots		2	●
Card reader(s)	Magnetic stripe	Triple track	●
		Dual heads	●
	Smart card	EMV Level 1, 500 000 insertions	●
	Modular contactless	Upgradable	●
Display	Color	4.3" 480 x 272	●
	Touch screen		●
Stylus		Non mechanical	●
Keypad		15 keys hard plastic	●
		Backlit	●
Audio		Buzzer	
		Speaker + audio out	●
Connectivity		USB device, RS232, Ethernet	●
		USB host	●
		Tailgate	Option
Power supply	Powered USB	12V USB power	●
	POE	Compliant with 803.3AF	Option
	SDL	RS485 + Power	Option
	Separate power supply		Option
Size	L x l x h	168 x 156 x 50 mm (6.6 x 6.1 x 2.0")	●
Weight		580 grs (20.5 oz)	●
Environment	Operating temperature	+5°C to +40°C (41°F to 104°F)	●
	Storage temperature	-20°C to +70°C (-4°F to 158°F)	●
	Relative humidity	5% to 90% RH non-condensing	●
PCI PIN transaction security	PCI PTS V2		●
	PCT PTS V3		●

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