Signature **Capture**

iSC220/250

Superior User Interface

The iSC220/250 range is part of the new iSC200 range of multimedia secure payment terminals. Based on a decade of Ingenico experience in signature capture and touch-screen technology, the iSC220/250 represents a unique combination of security and performance, leveraging the multimedia enabled Telium 2 platform. Much more than just a payment device, the iSC220/250 enables retailers to leverage solutions that bring real value to their businesses and customers – true digital signage utilizing WQVGA color and multimedia, web-based vertical application delivery via Incendo Online, and digital point-to-point transaction security solution.

ingenico®

iSC220/250

Design/ergonomics

The iSC220 and 250 benefit from a modern, clean-cut design, and fit neatly into every environment, from retail to banking and many more. The iSC200 series 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 iSC200 series delivers high speed processing of powerful cryptographic algorithms to make fast-paced transactions a reality. Tamper resistant and tamper responsive, the iSC200 series steps up the security and transaction versatility of your payment system by providing additional confidentiality at the PIN entry stage.

Security

Built around Ingenico's industry proven highly secure core to provide assured secure data and application management, the iSC200 series delivers the ultimate in secure transactions for retail. Fully EMV and PCI PTS 2.x certified, it supports the latest in international security algorithms (DES, TDES, RSA, DUKPT and Master/Session). It is equipped with a recessed keypad to reduce overall privacy shield size, preventing shoulder surfing from side viewing.

Communications

The iSC200 series encompasses a wealth of connectivity. Alongside powered serial, USB ports and Ethernet connection interfaces, the iSC200 series delivers truly impressive integration capabilities.

Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. Uniquely, the iSC200 series 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			iSC220	iSC250
Processor	Main Processor	Thunder (ARM9), 450 MIPS	●	●
	Crypto Processor	Booster (Arm7), 50 MIPS	●	●
Memory	Internal	128 Mbytes Nand Flash	●	●
		64 Mbytes SDRAM	●	●
	External	µSD Supporting up to 2 Gb		●
OS		Telium 2	●	●
SAM Slots		2	option	●
Card Reader(s)	Magnetic Stripe	Triple Track	●	●
		Dual Heads	option	●
	Smart Card	EMV Level1, 500 000 Insertions	●	●
	Contactless		option	
	Modular Contactless	Field Upgradable		●
Display	Grayscale	16 Levels 4.3" (480 x 272)	●	
	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	option
Power Supply	Powered USB	12V USB Power	●	●
	POE	Compliant With 803.3AF	option	option
	SDL	RS485 + Power	option	option
	Separate Power Supply		option	option
Size		163mm x 140mm x 43mm (6.5 in x 5.5 in x 1.7 in)	●	●
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 2.x Certified	●	●

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