iCT250 CounterTop

A complete set of sophisticated merchant services in a single, compact color device

Banks and merchant services providers have long struggled to keep their independent merchants supplied with the sophisticated payment systems they need. So what's the solution? Ingenico's iCT250, the innovative payment countertop device that is so smart, it stands alone, in even the most demanding retail environments.

Lightweight, stylish and self-contained, the iCT250 is the rugged countertop device that gives your merchant customers the freedom to accept all existing forms of electronic payment – including contactless, EMV, and mobile (NFC-based) – unrestricted by any other POS limitations.

That's because the iCT250 requires absolutely no interface with a cash register or POS system. All functions – from payment processing and receipt printing to settlement reporting and brand enhancement programs – operate from a single, secure, easy-to-use color device. The iCT250 is fully EMV and PCI PTS V3 certified and supports the latest international security algorithms, so customer transactions are fast, private, efficient and secure. That means even the smallest shop can benefit from Ingenico's global leadership in secure payments processing.

Security   Smartcard   Magstripe   Contactless   Color Display

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iCT250 CounterTop

As the industry leader in payment technology, Ingenico offers solutions that maximize security and performance, while adding real value for retailers and consumers alike. In demanding retail environments, **Ingenico's iCT250 is the most convenient, most reliable standalone payment device on the market.**

Proven security

PCI PTS 2.x   PCI PTS 3.x

Ingenico's industry-proven core technology ensures that the iCT250 delivers the ultimate in secure data transmission and application management. Fully EMV and PCI PTS V2 and V3 certified, **iCT250 supports the latest international security algorithms, including DES, TDES, RSA, DUKPT and Master/Session.** An optional PIN privacy shield offers added peace of mind for merchants and customers.

Outstanding performance

TELIUM 2 TECHNOLOGY *ingenico*

Built around Ingenico's advanced Telium 2 architecture and EMV level 2 kernel, **the iCT250 processes powerful cryptographic algorithms at the highest speeds, delivering fast, secure transactions.** Tamper-resistant, tamper-responsive components and digital end-to-end encryption technologies protect sensitive cardholder data throughout the entire transaction.

Each iCT250 comes standard with all payment technologies already embedded and ready to activate, and operates on Ingenico's global Telium 2 platform, so there's no need for add-on devices or component upgrades. That means the iCT250 gives you the flexibility to accept any or all existing forms of electronic payment, including MSR credit and debit, smartcards, stored-value cards, contactless systems such as MasterCard PayPass® and VISA payWave, EMV/chip & PIN cards, and mobile (NFC-enabled) applications, now or in the future.

Compact design

The iCT250 features a large, backlit keypad and crisp LCD color display to make PIN entry and option selection virtually effortless. **In even the most hectic retail environment, the iCT250 increases the security and flexibility of your payment system.** For merchants who want to allow additional customer interaction, Ingenico's optional customer-facing PIN pad, the iPP200 series, tethers securely to the iCT250 to enable customer PIN entry and contactless and NFC-enabled transactions.

Flexible connectivity

With powered serial, USB and Ethernet options and a wealth of standard communications capabilities, **iCT250 gives you seamless flexibility to integrate the payment device into your existing retail environment, allowing you to create targeted applications to tailor the customer experience.** You get constant speed, security and availability, regardless of transaction volume. The iCT250 is fully compatible with all Ingenico products and services, allowing the merchant's payment capabilities to be increased or upgraded as needs change.

Comprehensive services

Ingenico provides a comprehensive range of update and management services for all its hardware and software products. Fully certified professionals and local-language helpdesks operate worldwide to support our customers. Ask how our services can lower your total cost of ownership and maximize your equipment investment.

iCT250 Specifications		
Processor		ARM 9 & ARM 7 450 MIPS & 50 MIPS
Memory	RAM/Flash	16MB/128MB
Removable Memory	µSD Card	(option)
Communication Mode	Dial-up Modem	
	Ethernet	(option)
Secure Access Module slots		2
Card Readers	Smart Card	1
	Magnetic stripe	Track 1/2/3
	Contactless	(option)
Display	Graphic	Yes
	Backlit	Yes
	TFT Color QVGA	320 x 240 Pixels
Keyboard	Number of keys	15 Backlit
	Function/Navigation keys	4 Backlit
Privacy Shield		(option)
Audio		Buzzer
Thermal Printer	Lines/second	18 lps
Connections on terminal	RS232	1 (+1 **option**)
	USB Host	1
	USB Slave	1
	Power supply connector	1
Power Supply	External power supply	110V 60Hz
Magic Box		
Connections on Magic Box	Power supply connector	1
	RS232	1
	Line in	1
	Ethernet	1
Size l x w x d	Terminal	3.3 x 7.3 x 2.5" (83 x 185 x 63 mm)
	Paper Roll (width/diameter)	2.3/1.6" (58/Ø40 mm)
Weight		11.5 oz (325 g)
Customization	Lens	(option)
	Printer cover flap	(option)
	Top Casing	(option)
Environment	Operating temperature	41°F to 113°F (+5°C to +45°C)
	Storage temperature	-4°F to 131°F (-20°C to +55°C)
	Relative humidity	85% HR at 104°F (+40°C)
PCI PED 2.0	Online & Offline	

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beyond payment

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