



## ▶ iCT220 CounterTop

### ▶ **Sophisticated merchant services in a compact standalone countertop device**

Even the smallest independent merchant must be able to accommodate customers' preferred payment methods, and most merchants naturally look to their banks or merchant services providers for a practical, economical solution.

So what's the answer? Ingenico's innovative iCT220, the secure countertop payment device that stands alone in – and stands up to – even the most demanding retail environment.

Lightweight, stylish and self-contained, the iCT220 is the rugged, easy-to-use countertop device that gives merchant customers the freedom to accept all types of electronic card payments without requiring an interface with a cash register or POS system.

All iCT220 functions – from payment processing and receipt printing to settlement reporting and brand enhancement programs – operate flawlessly from a single, secure device. The iCT220 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



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 iCT220 is the most convenient, most reliable standalone payment device on the market.**

### Proven security



Ingenico's industry-proven core technology ensures that the iCT220 delivers the ultimate in secure data transmission and application management. Fully EMV and PCI PTS V3 certified, **iCT220 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



Built around Ingenico's advanced Telium 2 architecture and EMV level 2 kernel, **the iCT220 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 iCT220 comes standard with all payment technologies already embedded and ready to activate, and operates on Ingenico's global Telium 2 platform, so there is no need for add-on devices or component upgrades. That means the iCT220 gives merchants the flexibility to accept electronic payment immediately, without the expense or complexity of a point of sale system.

### Compact design

The iCT220 features a large, backlit keypad and crisp high contrast display to make PIN entry and option selection virtually effortless. **In even the most hectic retail environment, the iCT220 increases the security and flexibility of your payment system.** For merchants who want to allow additional customer interaction, Ingenico's optional customer-facing PINpad, the iPP200 series, tethers securely to the iCT220 to enable customer PIN entry and contactless and NFC-based transactions.

### Flexible connectivity

With powered serial, USB and Ethernet options and a wealth of standard communications capabilities, **iCT220 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 iCT220 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.



#### iCT220 Specifications

|                            |                                     |                                        |
|----------------------------|-------------------------------------|----------------------------------------|
| Processor                  | ARM 9 & ARM 7<br>450 MIPS & 50 MIPS |                                        |
| Memory                     | RAM/Flash                           | 16MB/16MB                              |
| 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                            |
| Display                    | Monochrome Graphic                  | 128 x 64                               |
|                            | Backlit                             | White                                  |
| Keyboard                   | Number of keys                      | 15 Backlit                             |
|                            | Function/Navigation keys            | 4 Backlit                              |
| Privacy Shield             | (option)                            |                                        |
| Audio                      | Buzzer                              |                                        |
| Thermal Printer            | Lines/second                        | 18 lps                                 |
|                            | RS232                               | 1 (+1 option)                          |
| Connections on terminal    | USB Host                            | 1                                      |
|                            | USB Slave                           | 1                                      |
|                            | Power supply connector              | 1                                      |
|                            |                                     |                                        |
| Power Supply               | External power supply               | 110V 60Hz                              |
| Magic Box                  | (option)                            |                                        |
| Connections on Magic Box   | Power supply connector              | 1                                      |
|                            | RS232                               | 1 (+1 option)                          |
|                            | Line in                             | 1                                      |
|                            | Ethernet                            | 1                                      |
| Size l x w x d             | Terminal                            | 3.3 x 7.3 x 2.5"<br>(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                    |                                        |

