

# Elite 640

*A secure, & flexible EFT terminal*

Finally, a payment terminal for the new age – the Ingenico Elite 640. Combining an intuitive 4 line graphical LCD consumer interface with optimal transaction security has produced a payment terminal with the functionality you need today and secure payment choices you will need tomorrow. The Elite 640 is brought to you by the worldwide leader in secure transaction technology – Ingenico.



Secure module



Unicapt



EMV approved



Smart card



World leader in secure financial transaction solutions

# Elite 640

*A secure, & flexible  
EFT terminal*

## TECHNICAL CHARACTERISTICS

### Secure Robust & Versatile

The Elite 640 is a secure, robust electronic payment terminal with integrated magnetic stripe reader and integrated EMV approved smart card reader. It's designed to interface with any POS terminal, ECR or PC. The large keys and brightly-lit 4 line display allow consumers to flow through the payment sequence – with confidence and comfort. Multiple port configurations allow it to be implemented with any PC, POS terminal or ECR installed.

### Ergonomic Keypad & Display

The keypad on the Elite 640 includes a standard ATM style keyboard for PIN entry and a Cancel, Correction and OK key. Four program function keys that surround the large LCD display are available for application control. The easy to read LCD display is backlit and it includes four lines of text with 16 characters per line.

### Accepts Both Magnetic Stripe & Smart Cards

The versatile Elite 640 supports credit, check cards, debit cards, EBT, loyalty, gift cards, phone cards and smart card based transactions. It features an integrated bi-directional two track MSR with either tracks 1 & 2 or tracks 2 & 3. Available with the integrated smart card reader is an option for 4 Secure Access Module (SAM) slots.

### Outstanding Physical & Logical Security

Transaction security is optimized through the Elite 640's tamper resistant design and multiple key management schemes - DUKPT and Master/Session. Support for application code MAC'ing to ensure secure downloading. The Elite 640 exceeds INTERAC specifications for transaction security – making the Elite 640 the most secure multi-lane payment terminal in the world.

Built with the customer in mind, the Elite 640 features a simple keypad and large LCD display. The 4 line graphic LCD display is backlit and has 4 screen addressable keys for customers to use for transaction choices. All together, the Elite 640's intuitive design simplifies the checkout task.

### Unicapt Development Environment

Unicapt™ is the Integrated Development Environment (IDE) that allows programmers to quickly and easily program the Elite 640 as well as all members of the Elite terminal family. Unicapt features secure multi-application support and application portability for increased application security and developer productivity while greatly reducing application time to market.

### Elite 640

<b>Operator Display</b>	128 x 64 pixel graphic LCD display 4 line display with 16 characters per line Backlit display
<b>Memory</b>	1 MB memory is standard Battery backed SRAM 2 MB and 4 MB options available
<b>Keypad</b>	15 key keypad in a 5 x 3 matrix Four programmable screen addressable keys
<b>Magnetic Stripe Reader</b>	Bi-directional, dual track MSR with either tracks 1 & 2 or 2 & 3
<b>Smart Card Reader</b>	EMV level I approved smart card reader Optional 4 Secure Access Module (SAM) slots
<b>Port Configurations</b>	Dual RS232 ports RS232 & RS485/Tailgate port for IBM POS terminal connectivity RS232/RS485 port for LAN protocol based upon ANSI X3.28 RS232/USB port
<b>Security</b>	Tamper detection INTERAC compliance Dallas 5002 processor DUKPT (Derived Unique Key Per Transaction) and Master/Session Supports code MAC'ing/encryption for secure application downloading
<b>Application Development</b>	Ingenico UNICAPT™ development environment Base Retail Application for interfacing with IBM POS terminals. OPOS and JPOS drivers Comprehensive Software Development Kits for each application development environment 2010 terminal emulation
<b>Application Support</b>	Ingenico e <sup>n</sup> -Concert Store, IBM EFT
<b>Power</b>	Combined Power and Communication cable for Tailgate installations Voltage 120VAC, 60 Hz, 16W 9VDC 1.0A
<b>Dimensions &amp; Weight</b>	5.5" (140 mm) x 7.5" (190 mm) x 3.5" (90 mm) 18.5 Ounces (525 g)

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