Signature Capture

i6700 series

The Ingenico i6700 range delivers ultra fast, highly cost effective transactions, the added versatility of electronic signature capture and the ability to deliver customer directed advertising – all at the point-of-sale. Providing the focal point for a choice of customer-activated electronic payment options, this series enables you to offer the most secure customer checkout environment possible. Exceptionally consumer friendly, these compact yet versatile devices feature a large high definition color touch screen, triple track magnetic stripe reader, reliable electronic pen, and EMV approved smart card reader. To enable additional payment versatility, an optional contactless reader can be seamlessly incorporated to deliver yet further payment convenience. When it comes to communication, the Ingenico i6700 series is packed with a comprehensive array of connectivity options that enables terminals to link with any host device, network or LAN environment.

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Security

The Ingenico i6700 terminal series is PCI PED certified and Triple DES capable, with the added benefit of DUKPT and Master Session key management, to deliver security-as-standard for consumer and merchant alike. A 32-bit RISC crypto-processor provides a uniquely scaleable and high-performance platform to support a host of new generation security applications, with no impact on transaction speed or reliability.

Performance

Utilizing ARM9 and ARM7 microprocessor technology, the robust yet powerful i6700 range of signature capture terminals combine innovation and performance with multiple connectivity options – assuring a faster, more convenient and more reliable transaction every time.

Design/Ergonomics

The Ingenico i6700 series feature a rugged and responsive capacitive screen and electrostatic pen that deliver complete hand rejection during signature capture and excellent finger touch responsiveness for debit transactions. Select from the i6770, or the i6780 which contains an integrated tactile keypad to ensure ease of use for visually impaired customers. Both models feature a full color glare resistant display – sealed to withstand accidental spillage of liquids – making it easy to deliver customer-directed advertising at the point-of-sale.

Communication

Packed with optimal connectivity, these terminals can link with any host device, network or LAN environment. Both the i6770 and i6780 give you, as standard RS232, RS485, USB and Ethernet. In addition, the i6770 contains a second RS232 port to connect with other peripherals such as a check reader.

Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. Uniquely, the i67XX series is backwards compatible with all 800+ Ingenico 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		i6770	i6780
Processor	Type	ARM 7	ARM 7 or ARM 9
	Speed	29 MHz	29 MHz or 180 MHz
Memory	RAM/Flash	2/8 MB	2/8 MB (ARM 7) 8/8 MB (ARM 9)
SAM	Up to 4	●	●
Card Reader(s)	Magstripe	Track 1/2/3	Track 1/2/3
	Smart card	●	●
	Contactless	optional CPEM	optional CPEM
Display	Colour	256	256
	Capacitive	●	●
	TFT	●	●
	Definition (pixels)	320 x 240	320 x 240
Keyboard	Number of keys		15
Virtual keypad		●	depending on SW
Connections (options)	RS232	●	●
	RS485 (tailgate)	●	●
	USB Slave	●	●
	Ethernet	●	●
Power supply	External Power supply	120 or 240-volt AC, 50/60 Hz, 24-watt DC output	120 or 240-volt AC, 50/60 Hz, 24-watt DC output
	Power range	10-27V 1200 mA (@12V)	10-27V 1200 mA (@12V)
Size (in mm)		90 x 210 x 210	90 x 210 x 210
Weight (in gr)		1130	1130
Environment	Operating temperature	0 à +50°C	0 à +50°C
	Storage temperature	-20 à +70°C	-20 à +70°C
	Relative humidity, non condensing	5% to 90%	5% to 90%
Privacy Shield			optional
PCI PED	Online & offline	●	●

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