

PAYment PDA

i8550



The i8550 unites secure payment with powerful PDA mobile computing in a single portable device. Tough enough to cope with the most demanding environments, and packed with functionality, the i8550 is designed to deal with a wide variety of mobile working scenarios – from queue busting, to delivery and courier services, postal services, open air kiosks, restaurants, inventory management, asset tracking, customer self-service, patient check-in/check-out, on-board sales and services, automated meter reading, and more. Whatever the application, the versatile i8550 can be configured to exactly match your application requirements, and features an optional user-accessible MMC card slot for mass storage of data.

Designed for all types of EMV payment and emerging secure transactions such as mobile on-line lottery and law enforcement applications, the i8550 gives you a choice of data capture options – barcode scanning and image capture (signatures, license plate reading), OMR (Optical Mark Reading for lottery bet slips) and OCT (Optical Character Recognition for bills) – to enable truly impressive data capture and management capabilities.



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Security

The tamper-proof i8550 delivers security-as-standard for consumers and merchants alike. A powerful 32-bit RISC crypto-processor provides a uniquely scalable high-performance platform to support a host of new generation security applications, improving transaction speed and reliability.

Performance

Alongside peerless mobile data capture and management, the i8550 delivers real-time secure transaction processing that boosts worker productivity and customer satisfaction, delivering instant access to online or connected applications, including centralized databases. A high capacity Lithium-Ion battery assures full shift life and is easily removable to support quick replacement in the field. A hand strap adds handling security, while a choice of shoulder straps further enhances user productivity and comfort. A large accessory portfolio includes a rugged vehicle cradle, desktop cradle and hands-free kit.

Design/Ergonomics

Featuring a high resolution color screen and available with a wealth of user interface options — including a touch screen/stylus interface, loudspeaker, and text-to-speech option currently available in Spanish— the i8550 series is perfect for any operating scenario. Designed to withstand day-to-day knocks and drops with no impact on operations the compact yet feature-packed i8550 weighs-in at less than 825 grams – making this the lightest, high-productivity, robust and secure mobile solution you’re likely to encounter.

Connectivity/Mobility

Opt for ‘batch’ operation or ensure mobile operatives stay connected and contactable at all times with real-time GSM/GPRS wireless data communication options. Ultra fast data and payment transaction rates assure fast and seamless payments processing, order tracking and delivery of online operations in the field. The i8550 enables a host of innovative customer-facing services that add a new dimension to each and every customer interaction.

Software Development

Ingenico delivers incremental revenue today and future proofs your terminal investments of tomorrow. Uniquely, the i8550 is backwards compatible with most of 800+ Ingenico services and applications.

Field Services

To reduce total cost of ownership and enable businesses 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 professionals 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. Quite simply, the best network in the world.



NAME		i8550
Processor	ARM 7 or ARM 9	●
	29 MHz or 190 MHz	●
Memory (RAM/Flash)	2/8 or 8/8 MB	●
Removable Memory	MMC	optional
Communication Mode	Dial-up Modem	optional via base
	GPRS	●
SAM		up to 3
Card readers	Smart card	1
	Magstripe	Track 1/2 or 1/2/3
Display	White backlit	●
	Touchscreen	●
	CSTN colour 240 x 240 pixels	●
Keyboard	Number of keys	18
	Navigation keys	3
	Backlit	optional
Privacy Shield		optional
Buzzer		●
Thermal Printer	Lines/second	12 I/S
Barcode scanner 2D -3D Photo capture Black and White		optional
Text to speech		optional
Base	Charger	Modem or charger
	Power supply	●
Connections on base (Modem)	Line in	●
	Phone out	●
	RS232	2
	USB	●
	Car charger	optional
Power Supply	Voltage	12 V
Batteries	Li-Ion	●
Size (in mm)	Terminal	L 220 x I 100 x H 60
	Base	L 130 x I 125 x H 160
Weight (in gr)	Terminal	825 (with battery)
	Base	300
Customization	Keypad	●
	Casing	●
Environment	Operating temperature	10°C to +50°C
	Storage temperature	-20°C to +70°C
	Relative humidity, non condensing	90% HR at +50°C
PCI PED	Online & offline	●

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