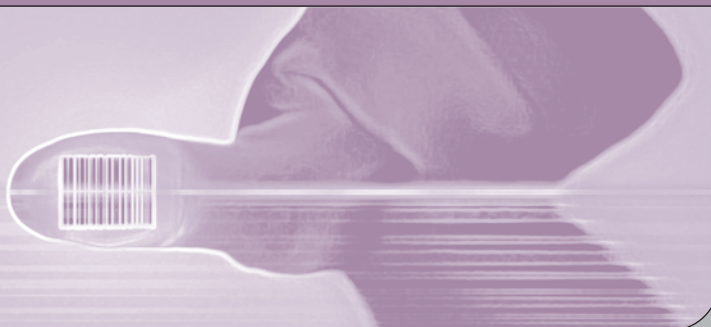


WireLess

# BIO930<sub>series</sub>



The Bio 930 wireless series gives you the freedom to acquire process and verify biometric data on the move – and conveniently undertake secure biometric transactions wherever you need to. Designed to simplify user identification and authentication, and make it easy to integrate biometric control into a wide range of payment, state allowance and micro credit applications, the Bio 930 wireless family of terminals seamlessly optimize the entire biometric control process. From fingerprint capture to the fast match-on-card electronic analysis – in less than one second – these wireless biometric-enabled terminals are perfect for both enrolment and control transactions. An integrated sensor enables instantaneous fingerprint capture and electronic processing, while biometric templates can be stored in the terminal or a remote database, or used to customize a user's smart or swipe card. A rich choice of communication options – V32 fast modem, Bluetooth, Ethernet or GPRS – are available.

The Ingenico logo is a red oval with the word 'ingenico' written in white lowercase letters.

## Security

Built around Ingenico's industry proven high secure core to provide assured secure data and application management, the Bio 930 wireless series of terminals deliver the ultimate in secure transactions. Fully EMV and PCI PED approved, supporting the latest international security algorithms (DES, TDES, RSA, DUKPT and Master/Session), the Bio 930 wireless family also feature an embedded MorphoSmart™ biometric module for seamless biometric identification and authorization.

## Performance

Thanks to Ingenico's Telium 32-bit architecture and its EMV level 2 kernel, the Bio 930 wireless series delivers the super fast processing of powerful cryptographic algorithms to make fast-paced biometric transactions a reality. A built-in MorphoSmart™ module analyses fingerprints in less than one second, while an integrated fast printer pumps out receipts at 18 lines per second.

## Design/Ergonomics

Designed for environments where security and speed are a priority, the wireless Bio 930 terminals fit snugly into the palm of the hand. An ample sensor enables fingerprint image capture for instantaneous digital processing, while a large graphic screen plus intuitive keypad complete with navigation keys help ensure users fly through the entire transaction process with ease.

## Communication

Alongside a Bluetooth local radio link that delivers communications between terminal and docking station, the Bio 930 wireless series feature a wide choice of connectivity options to enable optimized on-line or remote server communications. Select from either a fast modem or GPRS models, or choose the Ethernet TCP/IP version to access broadband through an Ethernet LAN.

## Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. Compatible with all previous Ingenico applications, the Bio 930 wireless family can support today's applications with ease, as well as tomorrow's next generation services.

## Field Services

To reduce total cost of ownership and enable 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 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.



NAME		BIO930 P	BIO930 B	BIO930 G
Processor	ARM 9 & ARM 7	●	●	●
	200 MIPS & 50 MIPS	●	●	●
Memory	RAM/Flash (in MB)	8/32	8/32	16/32
	MMC	●	●	●
Removable Memory	SD Card	●	●	●
Communication Mode	Infra red	●		
	Dial-up Modem	●		●
	Bluetooth		●	
	GPRS			●
SAM		4	4	3 + 1 SIM
Card readers	Smart card	2	2	2
	Magstripe Track 1/2	●	●	●
Display	Graphic 128 x 64	●	●	●
	Backlit	●	●	●
	Yellow/Green	●	●	●
Keyboard	Number of keys	16	16	16
	Navigation keys	2	2	2
	Backlit	●	●	●
Buzzer		●	●	●
Thermal Printer	Lines/second	18 l/s	18 l/s	18 l/s
Connections on terminal	Mini USB Host	●	●	●
	Mini USB Slave	●	●	●
Base	Type	M*	B-E*	M*
	Power supply	●	●	●
	Line In	●		●
	Phone out	●		●
	RS232	1	2	1
	USB slave	●	●	●
Batteries	NiMH	●	●	●
Size (in mm)	Terminal: L 180 x l 79 x H 58	●	●	●
	Base: L 140 x l 80 x H 23	●	●	●
Weight (in gr)	Terminal	460	460	460
	Base	100	100	100
Customization (option)	Lens	●	●	●
	Printer cover flap	●	●	●
	Casing	●	●	●
Environment	Operating temperature: +5 to +45°C	●	●	●
	Storage temperature: -20 to +55°C	●	●	●
	Relative humidity, NC: 85% HR at +40°C	●	●	●
PCI PED	Online & offline	●	●	●

\* Type of base: Modem: M, Bluetooth-Ethernet: B-E

[www.ingenico.com](http://www.ingenico.com)

Payment Solutions

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beyond  
payment