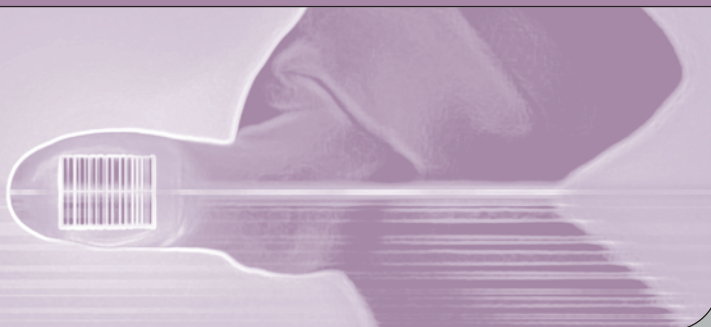


CounterTop

BIO930S_{series}



The Bio 930S series simplifies user identification and authentication, making it easy to integrate biometric control into a wide range of payment, state allowance and micro credit applications. From fingerprint capture to the fast match-on-card electronic analysis – in less than one second – these countertop terminals securely optimize the entire biometric control procedure. Perfect for both enrolment and control transactions, the Bio 930S terminals feature an integrated sensor to enable instantaneous fingerprint capture and electronic processing. 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, Ethernet or GPRS – are available.



The Ingenico logo, which consists of the word "ingenico" in a white, lowercase, sans-serif font inside a red oval.

Security

Built around Ingenico's industry proven high secure core to provide assured secure data and application management, the Bio 930S 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 930S 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 930S 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 countertop Bio 930S 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

The Bio 930S 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 930S 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		BIO 930S-xxx
Processor	ARM 9 & ARM 7	●
	200 MIPS & 50 MIPS	●
Memory	RAM/Flash	16MB/32MB
Removable Memory	MMC	option
	SD Card	option
Communication Mode	Dial-up Modem (option)	M*
	Ethernet	E*
	GPRS	G*
SAM		1 or 2
Card readers	Smart card	1
	Magstripe	Track 1/2 or Track 1/2/3
Display	Graphic 128 x 64	●
	Backlit	●
	Yellow/Green	●
Keyboard	Number of keys	16
	Function/Navigation keys	2
	Backlit	●
Buzzer		●
Thermal Printer	Lines/second	18 lps
Connections on terminal	RS232	1
	Mini USB Host	1
	Mini USB Slave	1
	Power supply connector	1
Power Supply	External Power supply	100-240V 50-60 Hz
	Terminal	79 x 180 x 87
Size (in mm)	Paper Roll (width/diameter)	58/040
	Weight (in gr)	Terminal (w/o paper roll nor cable)
Customization (option)	Lens	●
	Printer cover flap	●
	Casing	●
Environment	Operating temperature	+5°C to +45°C
	Storage temperature	-20°C to 55°C
	Relative humidity, non condensing	85% HR at +40°C
PCI PED	Online & offline	●

* M: Modem, E: Ethernet, G: GPRS

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Payment Solutions

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beyond
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