

## PIN Pad

## TWIN series



The TWIN series of readers make it easy to authorize and process private or public e-purse to an extensive portfolio of electronic health care applications, including the Vitale™ card. Effortlessly linked to any PC or workstation, thanks to serial, USB and Ethernet/IP connection interfaces, these versatile readers deliver the ultimate in integration convenience. Connection to the local network, via an Ethernet interface, enables pharmacies, hospitals and health care practitioners to undertake fast and reliable online transactions with remote servers. Featuring a rapid smart card interface to support fast customer or patient authentication and security checks, alongside an integrated PIN pad to enable PIN-entry, these dual smart card readers are designed to deliver the additional peace of mind essential for any e-purse or e-health transaction. What's more, the Twin32 and Twin33 models feature a SAM ID slot to support additional security layer add-ins.

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

## Performance

Thanks to Ingenico's Telium platform, the Twin series process applications rapidly with the help of its powerful 32-bits RISC ARM9 processor. Alongside fast encrypted transactions, these intelligent readers enable secure patient authentication and security checks and easy communications with PCs or remote networks.

## Design/Ergonomics

The Twin30+ and Twin32 feature two full size smart card readers – the main reader has an easy-to-access insertion slot on the front of the reader, while a second reader on the underside of the device discreetly processes the retailer's or health professional's card for authentication or security checks – while the fully loaded Twin33 delivers an impressive three smart card readers. A large keypad ensures fumble free PIN entry, while a large, backlit graphic display makes it easy for users to navigate menus.

## Communication

These versatile smart card readers encompass a wealth of connectivity. Integral serial, USB Host, USB Slave (Twin32 and Twin33) and Ethernet connection interfaces ensure the TWIN family delivers truly impressive integration and performance with all modern workstations.

## Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. The TWIN family is backwards compatible with all healthcare 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 operator and point of service 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		Twin30 Plus	Twin32	Twin33
Processor	ARM 9	●	●	●
	200 MIPS	●	●	●
Memory	RAM/Flash	8/16 MB	8/16 MB	8/16 MB
Card Reader	Smart card	2 x ID-1	2 x ID-1	3 x ID-1
SAMs			1	1
Display	White	●	●	●
	Graphic 128 x 64	●	●	●
	Backlit	●	●	●
Keyboard	Number of keys	16	16	16
	Number navigation keys	6	4	4
Buzzer		●	●	●
Connections	RS232	●	●	●
	USB Slave		●	●
	USB Host	●	●	●
Power	Power USB	5V	5V	5V
	External Power supply	●	●	●
Size (in mm)		153 x 78 x 30	197 x 120 x 86	197 x 120 x 86
Weight (in gr)		220	306	306
Customization	Lens	optional	optional	optional
	Casing	optional	optional	optional
Environment	Operating temperature	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C
	Operating humidity NC	+85% at +40°C	+85% at +40°C	+ 85% at +40°C

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

