

PIN Pad		PIN Entry		PIN Entry + SCR (Smart Card Reader)		PIN Entry + SCR + MSR (Magnetic Card Reader)				PIN Entry + SCR + MSR + Contactless			PIN Entry + Hybrid		Health			
PIN Pad																		
NAME		i3010	PP305	i3050	i3300	P30	i3070	ML30	i6400	i3070 Contactless	ML30 Contactless	P30 Contactless	i3380	Twin30	Twin30 Ethernet	Twin30 Plus	Twin32	Twin33
Processor	Type	8 bit	ARM 7	ARM 7	ARM 7	ARM7	ARM 7	ARM 9 & ARM 7	ARM 7	ARM 7	ARM 9 & ARM 7	ARM 7	ARM 7	ARM 9	ARM 9	ARM 9	ARM 9	ARM 9
	Speed		50 MIPS	58 MHz	29 MHz	50 MIPS	29 MHz	200 MIPS & 50 MIPS	29 MHz	29 MHz	200 MIPS & 50 MIPS	50 MIPS	29 MHz	200 MIPS	200 MIPS	200 MIPS	200 MIPS	200 MIPS
Memory	RAM/Flash	128 KB	96/512 KB	2/4 MB	512 KB / 1 MB or 1 MB / 4 MB or 2 MB / 4 MB	96/512 KB	1/4 MB or 2/8 MB	8/16 MB	1/4, 1/2 or 2/4 MB	1/4 MB or 2/8 MB	8/16 MB	96/512 KB	1/4 MB or 2/8 MB	8/16 MB	8/16 MB	8/16 MB	8/16 MB	8/16 MB
	Card Readers	Magstripe				Track 1/2 or Track 1/2/3	Track 1/2/3	Track 1/2 or Track 1/2/3	Track 1/2 or 2/3	Track 1/2/3	Track 1/2 or Track 1/2/3	Track 1/2 or Track 1/2/3						
	Smart Card Hybrid			•	•		•	•	•	•	•	•		2 x ID-1	2 x ID-1	2 x ID-1	2 x ID-1	3 x ID-1
	Contactless									PayPass PayWave	PayPass PayWave Mifare	PayPass PayWave Mifare						
SAM					2 or 4	2	3	2		3	2	2	3				1	1
Display	Yellow/Green	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
	White					•										•	•	•
	2 lines of 16	•	•															
	Graphic 128 x 64 Backlit			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Keyboard	Number of keys	15	15	15	15	16	15	16	15	15	16	16	15	16	16	16	16	16
	Number navigation keys	3	4	3	4	4	3	4	4 (optional)	3	4	4	4	6	6	6	4	4
	Backlit																	
Buzzer		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Connections	RS 232	•		•		optional	•	optional	•	•	optional	optional	•	•		•	•	•
	USB Slave				optional	•	optional	•			•	•	optional	•		•	•	•
	USB Host													•		•	•	•
	Ethernet						optional	optional	optional		optional	optional	optional		•			
Power	Power range	7-9V	5V	7-9V	7-9V	5V & 8-12V	7-9V	5V & 8-12V	7-9V	7-9V	5V & 8-12V	5V & 8-12V	5V & 7-9V					
	Power USB 5V		•			•	•	•			•	•	option	•		•	•	•
	External Power supply				optional	optional	optional	optional	optional	optional	optional	optional	option	•	•	•	•	•
	Power over Ethernet												option					
Size (without PIN shield)	L 145 x I 73 x H 38	L 135 x I 86 x H 34	L 145 x I 73 x H 38	L 140 x I 100 x H 78	L 165 x I 95 x H 45	L 170 x I 80 x H 40	L 165 x I 95 x H 45	L 140 x I 190 x H 60	L 170 x I 80 x H 40	L 165 x I 95 x H 45	L 165 x I 95 x H 45	L 160 x I 35 x H 110	153 x 78 x 30	153 x 78 x 30	153 x 78 x 30	197 x 120 x 86	197 x 120 x 86	
Weight (in gr)	200	130	200	367	240	306	240	560	306	240	240	620	220	220	220	306	306	
Customization	Lens	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
	Casing	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
PIN Shield	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional					
Environment	Operating temperature	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	0°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C	+5°C to +40°C
	Operating humidity NC	15% to 90%	+85% at +40°C	15% to 90%	15% to 90%	+85% at +40°C	15% to 90%	+85% at +40°C	15% to 90%	15% to 90%	+85% at +40°C	+85% at +40°C	15% to 90%	+85% at +40°C	+85% at +40°C	+85% at +40°C	15% to 90%	+85% at +40°C
PCI PED	Online/offline	Offline coupled with i5100	•	•	•	•	•	•	•	•	•	•	•					

Payment Terminals

PIN Pad

The world's favourite payment family! Ingenico's market-beating PIN Pad solutions make it simple for merchants to accept debit and other types of payment that require customers to enter a personal identification number (PIN). Designed to increase customer confidence in the security of their transaction, and enable banks or merchants to offer an additional payment choice, Ingenico's PIN Pad terminals enable organizations to accept PIN-based transactions quickly and easily.

Easily connected to electronic cash registers and POS systems, Ingenico's PIN Pad terminals provide additional payment convenience at the point of sale, deliver opportunities for incremental revenue, and support a range of EMV smart card, loyalty and stored value transactions.

PIN Pad

Performance

Easy to integrate, Ingenico's PIN Pad terminals step up the security of your payment system by providing additional privacy and confidentiality at the PIN entry stage. What's more, contactless payment functionality can be integrated using a single cable (serial, USB and Ethernet connectivity), while Ingenico's operating system maximizes application flexibility and security.

Design/Ergonomics

Ingenico's compact PIN Pad solutions feature large graphic displays and function keys, together with integrated LEDs for contactless models, to enable simple cardholder operation, regardless of the payment method used. Compact, light weight and easy to use, Ingenico's PIN Pad terminals are designed to provide the perfect solution for on-line and off-line PIN based transactions.

Communication

Our terminals are equipped with an unparalleled array of communication technologies, including Ethernet, serial, USB and WiFi.



Security

A world leader in secure transaction and payment systems, Ingenico's PIN Pad terminals are EMV and PCI PED certified and support the latest international security algorithms (DES, TDES, RSA, DUKPT and Master/Session). Optional privacy shrouds provide additional peace of mind, while Ingenico's industry proven High Secure Core (HSC) supports powerful encryption to provide assured secure data and application management.

Software development

By enabling the integration of a host of additional applications and service into its terminals - including loyalty programs, pre-paid, and language or currency options - Ingenico allows merchants and banks to generate significant incremental revenues. In addition to offering world's most extensive library of value added applications - over 800 - our uniquely scalable operating system creates the ideal environment on which to rapidly build and deploy EMV e-payment solutions as well as bespoke new solutions, tailored specifically to the customer's needs.

Field Services

To reduce total cost of ownership and enable merchants and banks to maximize their terminals investments, Ingenico provides a comprehensive range of terminal and software update and management services...both remotely and in the field. Fully certified professions and local language helpdesk personnel operate in every one of our regions, ensuring Ingenico is on hand to support customers 24 hours a day, seven days a week, 365 days of the year.