

iSelf Controller Series A

Easy and flexible unattended payment solutions for self-service business

- Leverage Ingenico unattended solutions to easily integrate cashless payment in your self-service business.
- Accept all payment means and comply with the latest standards.
- Cut complexity in payment and security.
- Address all self-service market segments: Retail, Hospitality, Vending and Transportation.



security



smartcard



magstripe



contactless



rugged

The iSelf Controller Series allows easy and secure integration of cashless payment into self-service businesses.

Highest Security Levels

The iSelf Series meet the latest hardware and software mandatory requirements. PCI-PTS 4.x certified for iUI120, iUR255 and iUC150B ensure data security and enable highly secure transactions. These configurations also comply with the open protocol and SRED modules.

All Payment Options

The iUI120 + iUR255 enable EMV, Magstripe transactions on kiosks while respecting security standards and improving customer interactivity. Transactions are simpler, faster and more secure.

Contactless Acceptance

The iUC150B offers contactless payment, enabling e-wallet and new payment use cases. It also complies with standards such as MasterCard PayPass™, Visa PayWave™ and EMV contactless cards.

Highly Ruggedized

Thanks to its robust design the iSelf Series stands up to the most demanding outdoor environments and a wide variety of harsh environmental conditions. Keypad, card-reader and contactless device components are proofed against vandalism (IK10) and extreme weather.

Telium 2 Technology

Powered by Ingenico, Telium 2 Technology is the result of 30 years' experience in the payment industry. Secure, highly integrated and fast, Telium is the world's best platform to provide payment services. It provides a fully scalable, reliable operating system embedded into the 20 million terminals deployed worldwide.

Easy Integration

Our compact and modular iSelf Series devices are embedded in their enclosure and integrated according to EVA* / IMB** market standards. Maintenance requires no additional equipment and updating is done simply with the iUI120 display and keypad. It is so flexible that interfacing with the entire kiosk system has never been so easy.

User-friendly

The iSelf Series provides a simple and easy-to-use customer interface with brightly colored backlit displays, LEDs and function keys, making their use a pleasant experience. Transflective technology enables the iSelf Series to work in any lighting condition.

Flexible Communication and Connectivity

The iSelf Series provides a wide range of integrated connectivity features to communicate with kiosks and acquirer hosts. It includes USB (slave, master), RS232, MDB (slave, optional master), Ethernet and optional GPRS, covering most kiosk system requirements.

Eco-friendly

Stand-by mode guarantees optimal energy efficiency. Ingenico is a reference in safeguarding the environment. Our manufacturing facilities are ISO 14001 certified.

* European Vending Association

** International Metallic Bezel



iSelf Series		iUI120	iUR255	iUC150B
Processor	Type	RISC 32-bits ARM9	RISC 32-bits ARM7	RISC 32-bits ARM7
	Speed	450 MIPS + 50 MIPS	50 MIPS	50 MIPS
Memory	RAM/Flash	16MB/128MB	96Kb/512Kb	96Kb/512Kb
Removable	µSD card	1		
Communication Mode	Ethernet	●		
	GPRS	Optional		
	Bluetooth	Optional		
SAM		2		
SIM		Optional		
Card Readers	Smart card		●	
	Magstripe		ISO 1/2/3	
	Hybrid		●	
	Contactless			ISO 14443 A/B
Display	Graphic 128 x 64 pixels	●		
	Backlit	●		
Keyboard	Number of keys	16		
Buzzer		●	●	●
Connections	RS232	1 or 2	1	1
	USB host	4		
	USB slave	1	1	1
	MDB Slave	●		
	MDB Master	Optional		
Power Supply	External power supply	10V to 45V DC	5V Max - 500mA by USB Slave	5V by USB Slave
	Stand by mode	●	●	●
Size	Overall W x H x D in	4.7 x 5.2 x 2.4	4.3 x 6.8 5.8	2.87 x 2.40 x 0.91
	Cut area W x H in		2.9 x 2.4	2.87 x 2.40
Weight		21.8 oz	24 oz	3.07 oz
EVA Form Factor Compliant			CDM	CDM
Environment	Operating temperature	-4°F to +149°F	-4°F to +149°F	-4°F to +149°F
	Storage temperature	-4°F to +149°F	-4°F to +149°F	-4°F to +149°F
	Relative humidity, non condensing	90% HR at +131°F	85% HR at +131°F	85% HR at +131°F
IP	Ingress protection	IP65	IP34	IP65
IK	Shock protection	IK10	IK10	IK10
PCI PTS		4.x certified	4.x certified	4.x certified



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EMV COMPLIANT CARD PAYMENT SOLUTIONS

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Smart terminals