

# iSelf Series



## Easy and flexible unattended payment solutions for self-service businesses

- 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, Petrol, Vending and Transportation



# iSelf Series

## • Highest Security Levels

PCI-PTS 3.x. certified, both iUP250 and iUR250 (part of the **iSelf Series**) meet the highest and latest hardware and software mandatory security requirements. The iUP250 also complies with open protocol and SRED modules.

## • All Payment Options

The iUP250 + iUR250 enables EMV Chip and PIN, MagStripe transactions on kiosks while respecting security standards and improving customer interactivity. Transactions are simpler, faster and more secure.

## • Contactless Acceptance

The iUC150 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 adverse environmental conditions. Keypad, card-reader and contactless device components are proofed against vandalism (IK10) and extreme weather.

## • Telium 2 Technology

Powered by Ingenico, Telium2 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 iUP250 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 pleasurable 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.



		iUP250	iUR250	iUC150
Processor	Type	Risc 32-bits ARM9 Risc 32-bits ARM7	Risc 32-bits ARM7	RISC 32-bits ARM9
	Speed	450 MIPS + 50 MIPS	50 MIPS	450 MIPS
Memory	RAM/Flash	16MB/128MB	96Kb/512Kb	8MB + 16MB
Removable memory	µSD Card	1		
Communication mode	GPRS	Option		
	Ethernet	•		
	Bluetooth	Option		
SAM		2		2
SIM		Option		
Card readers	Smart card		•	
	Magstripe		ISO 1/2/3	
	Hybrid		•	
	Contactless			ISO 14443 A/B
Display	Graphic 128 x 64 pixels	•		
	Backlit RGB	•		
	Black & white	•		
Keyboard	Number of keys	15+2		
	Key texture	Metallic		
Buzzer		•	•	•
Connections	RS232	1 or 2		1
	USB Host	4		
	USB Slave	1	1	1
	MDB Slave	•		
	MDB Master	Option		
Power supply	External power supply	12V-30V DC	5V by USB Slave	5V by USB Slave
	Stand by mode	•	•	•
Size	Overall WxHxD mm	120x132x45	72x108x140	120x134x53
	Cut area W x H mm	107 x 85	74 x 62	107 x 85
Weight		620g	700g	550g
Customization				Layout sheet
Environment	Operating temperature	-20°C to +65°C	-20°C to +65°C	-20°C to +65°C
	Storage temperature	-20°C to +65°C	-20°C to +65°C	-20°C to +65°C
	Relative humidity, non condensing	90% HR at +55°C	90% HR at +55°C	90% HR at +55°C
IP	Ingress protection	IP65	IP34	IP65
IK	Shock protection	IK10	IK10	IK10
PCI PTS	3.x	•	•	

\* European Vending Association

\*\* International Metallic Bezel



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Discover more about our **iSelf-Service** solutions:

**iSelf-Retail**  
**iSelf-Petrol**  
**iSelf-Hospitality**  
**iSelf-Vending**  
**iSelf-Transportation**



# iSelf Series



## Easy and flexible unattended contactless payment solutions for self-service businesses

- Leverage Ingenico unattended solutions to easily integrate contactless payment in your self-service business
- Enable the latest contactless payments and new use cases such as NFC e-wallet
- Cut complexity in payment and security
- Integrate contactless payment with best-in-class flexibility



# iSelf Series

## • Highest Security Levels

PCI PTS 3.x, iUC180B (part of the **iSelf** Series) meets the highest and latest hardware and software mandatory security requirements. The iUC180B complies with open protocol and SRED modules.

## • Contactless, NFC Payment

The contactless device enables all contactless payments and new use cases such as e-wallet, ticketing. The iUC180B is MasterCard PayPass™ and Visa PayWave™ certified and supports all EMV contactless cards in accordance with international regulations.

## • All payment options

When connected to an iUR250, the iUC180B enables EMV chip & PIN and Magstripe transactions on kiosks while respecting security standards and improving customer interactivity. With this no CVM\* solution, transactions are simpler and faster.

## • Highly Ruggedized

Thanks to its robust design the **iSelf** Series stands up to the most demanding outdoor environments and a wide variety of adverse environmental conditions. Contactless device components are proofed against vandalism (IK10) and extreme weather.

## • Telium 2 Technology

Powered by Ingenico, Telium2 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 the EVA\*\* market standard. Maintenance requires no additional equipment and our devices can be updated using the iUC180B maintenance 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, making their use a pleasurable 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, acquirers, hosts or service providers (telemetry). 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.

\* Cardholder Verification Method

\*\* European Vending Association



		iUC180B
Processor	Type	RISC 32-bits ARM9 RISC 32-bits ARM7
	Speed	450 MIPS + 50 MIPS
	Memory	RAM/Flash
Removable memory	μSD Card	1
	GPRS	Option
Communication mode	Ethernet	•
	Bluetooth	Option
	SAM	2
SIM		Option
	Contactless	ISO 14443 A/B
Display	Graphic 128 x 64 pixels	•
	Backlit RGB	•
	Black & white	•
Keyboard	Capacitive keys	2
Buzzer		•
Connections	RS232	1 or 2
	USB Host	4
	USB Slave	1
	MDB Slave	•
	MDB Master	Option
Power supply	External power supply	10V to 45V DC
	Stand by mode	•
Size	Overall W x H x D mm	120 x 134 x 62
	Cut area W x H mm	107 x 85
Weight		620g
Customization		Layout sheet
Environment	Operating temperature	-20°C to +65°C
	Storage temperature	-20°C to +65°C
	Relative humidity, non condensing	90% HR at +55°C
IP	Ingress protection	IP65
IK	Shock protection	IK10
PCI PTS	3.x	•



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