iUC 285

All-in-one contact & contactless module for Vending self-service business

- Accept all payment methods with a single module integrating three readers (NFC/contactless, Chip without PIN, magstripe)

- Integrate easily cashless solution into all vending machines with a full outside mounting

- Easy to connect directly with a PC for a cost effective configuration

STOP ? START

REMOVE YOUR CARD

iUC285   ingenico

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Part of the iSelf series, the iUC285 enables the simple and secure integration of contact and contactless payment into the Vending business.

Highest Security Levels
PCI PTS 4.x certified, the iUC285 meets the highest and latest hardware and software mandatory requirements. The iUC285 also complies with SRED and provides flexible options with Open Protocol modules.

All payment options, including Contactless/NFC
The iUC285 accepts all contactless/NFC payments and new use cases such as e-Wallets and ticketing. The device is MasterCard PayPass™ and Visa PayWave™ ready and supports all EMV contactless cards. It also enables EMV Chip & Magstripe transactions with no PIN entry, whilst respecting international regulations.

User-friendly design
The iUC285 embeds all payment methods in a single and friendly interface. Thanks to its sleek & compact design, transactions are simpler, faster and secure. Its high-contrast graphic display and touch keys provide users with clear guidance, thus improving interactivity.

Highly Ruggedized
Thanks to its robust design, the iSelf series stands up to the most demanding outdoor environments and a wide variety or adverse environmental conditions. The iUC285 device is proofed against vandalism (IK10) and extreme weather.

Telium 2 Technology
Powered by Ingenico, Telium 2 Technology is the result of 30 year's 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 22 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.

iUC285: the standalone version designed for advanced vending machines
The iUC285 must be connected via USB or RS232 to the PC or Linux Box, which provides a full set of connectivity and connections (including USB, RS232, MDB, Ethernet, GPRS and Bluetooth). Covering most kiosk system requirements, it can communicate with kiosks, acquirers, hosts or service providers (telemetry).

Eco-friendly
Stand-by mode guarantees optimal energy efficiency. Ingenico is commited to safeguarding the environment. Our manufacturing facilities are ISO 14001 certified

* Cardholder Verification Method

** European Vending Association

Processor	• Type	• RISC 32-bits ARM9	•
		• RISC 32-bits ARM7	•
	• Speed	• 450 MIPS + 50 MIPS	•
Memory	• Internal	• 128 MB Flash, 32 MB RAM	•
	• External	• MicroSD	•
SAM		• 2	•
Card readers	• Magstripe		•
	• Smart card		•
	• Contactless	• ISO 14443 A/B	•
Display	• Backlit RGB	• 1.3', (128x64)	•
	• Black & white	• 1.3', (128x64)	•
Keyboard		• 2 keys	•
Audio	• Buzzer		•
IP	• Ingress protection	• IP54	•
IK	• Shock protection	• IK10	•

Terminal connections	• Powered USB	• USB Slave	•
	• Powered RS 232	• RS232	•
Power Supply	• External	• 5V by USB Slave	•
	• Stand by mode		•
Terminal Size	• Overall W x H x D	• 85 x 107 x 60	•
	• Cut area W x H	• 85 x 107	•
Weight		• 270g	•
Environment	• Operating temperature	• -20°C to +65°C	•
	• Storage temperature	• -20°C to +65°C	•
	• Relative humidity	• 90% HR at +55°C	•
Customization		• Layout sheet (in factory only)	•
Security		• PCI PTS 4.x online & offline certified	•

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SELF/2000

Compact, attractive and scalable contactless payment solution for your self-service business

- Accept alternative QR code based-payment thanks to its embedded camera

- Improve the customer experience with best-inclass features such as color screen, camera and sound alert

- Simplify solution integration, operation and scalability

- Cut complexity in payment security implementation with PIN on Glass (PoG)

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Part of the Self series, the Self/2000 is the best-in-class secured contactless terminal, which has been designed to growth your self-service business (vending, EV charging...).

Highest security

PCI PTS 5.x certified, the Self/2000 meets the highest and latest hardware and software mandatory requirements. It is also complies with SRED and provides flexible options with Open Protocol modules. Including the PIN on Glass capability (PIN on Line verification where available), the Self/2000 is the best solution to face the PSD2 European regulation.
Using a secure payment device will increase the consumer's trust and will preserve your brand's reputation.

Contactless payment

Self/2000 facilitates Tap 'n Pay transactions initiated by contactless EMV cards, NFC based smart phone digital wallets (Apple Pay, Google Pay, etc.) and consumer wearables (Apple watch, Samsung watch, etc).

Simple UI with sound alerts

The solution provides a simple and easy-to-use customer interface with the color and capacitive touch screen. By connecting an external speaker, the Self/2000 supports sound alerts and vocal guidance for enhanced usability.

Highly ruggedized

Due to its robust design (IK09) and protection against water (IP65) and dust (IPxx), the Self/2000 can be used in any indoor kiosk and any qualified outdoor kiosk.

Easy mechanical integration

Thanks to its compact size and design, the Self/2000 can be integrated into a machine from the front or from the rear, depending on the machine design or the installer's choices. Compliant with EVA EPS (Standard Door Module) standard, the Self/2000 can easily replace any payment terminal compliant with these specification (e.g. IUC180B)
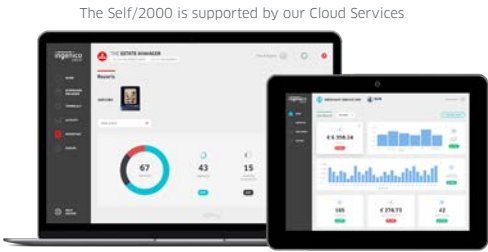
Wide connection capabilities

With the addition of MDB interfaces (for vending, parking meters and other use cases), Bluetooth, 4G connectivity, the Self/2000 extends its connection capabilities and enables to add optional modules to enhance flexibility.

Seamless Ingenico's estate management

The Self/2000 works seamlessly with The Estate Manager solution, allowing integrators & operators to easily use and maintain the fleet of devices without complexity. It also allows them to remotely perform software updates and deliver day-to-day support for a hassle-free experience.

Fututure-proof investment

Ingenico's software components for self-service solutions from Telium 2 (including the MDB, EXE vending protocols, etc.) is compatible to work with the Self Series and its TETRA platform to facilitate the continuity of current business and scale further.

TELIUM TETRA

The Self/2000 is supported by our Cloud Services

Processor / OS	• Cortex A5 - Telium TETRA	
Memory	• 512 MB Flash, 512 MB RAM • MicroSD up to 32GB	
SAM	• 2xSAM ID-000	
Contactless reader	• EMV Level 1 / ISO 14443 A/B/B'	
Display	• 3.26" color, QVGA (240x320)	
Touchscreen	• Capacitive - 6mm glass thickness	
Keypad	• Virtual keyboard on screen	
Audio	• Buzzer Monotone • Wav sound (thru external speaker)	
Camera	• 2MP - fixed focal (Honeywell library embedded)	
Terminal connectivity	• Ethernet 10/100, 1 x RJ45 LAN port • 4G (with fallback 3G/2G) • Bluetooth 4.2	 **Option** **Option**
Terminal connections	• 1 x USB Slave • 2 x USB Host • 2 x RS232 • 1 x connector for external loudspeaker • 1 x MDB Master + 1 x MDB Slave	 **Option**

Security	• PCI PTS 5.1 certified • PIN on Glass certified	
IP	• IP 65	
IK	• IK 09	
Power supply	• 9-16 V DC (light sleep mode) • 10-45V DC with optional Add-on box	 **Option**
Terminal size	• EVA EPS - Standard Door Module • 85 (W) x 107 (H) x 99.2 (D) mm (3.3x4.2x3.9")	
Weight	• 340 g (12 oz)	
Environment	• -20°C to +70°C (-4°F to 158°F) - Operating • -20°C to +70°C (-4°F to 158°F) - Storage • 95% non-condensing at +55°C (131°F)	
Mounting in the kiosk	• From outside without EVA plate • From inside with EVA plate	
Accessory	• Adapter cable for standard 12V PSU • EVA EPS mounting steel plate • USB cables, serial cables... • PSU 12V DC...	 **Option** **Option**
Add-on boxes	• POWER add-on box (slot#1) • MDB add-on box (slot#2) • 4G + BT add-on box (slot#2)	**Option** **Option** **Option**

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