

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



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 of 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 committed to safeguarding the environment. Our manufacturing facilities are ISO 14001 certified

* Cardholder Verification Method

** European Vending Association



Processor	<ul style="list-style-type: none"> Type Speed 	<ul style="list-style-type: none"> RISC 32-bits ARM9 RISC 32-bits ARM7 450 MIPS + 50 MIPS 	● ● ●
Memory	<ul style="list-style-type: none"> Internal External 	<ul style="list-style-type: none"> 128 MB Flash, 32 MB RAM MicroSD 	● ●
SAM		<ul style="list-style-type: none"> 2 	●
Card readers	<ul style="list-style-type: none"> Magstripe Smart card Contactless 	<ul style="list-style-type: none"> ISO 14443 A/B 	● ● ●
Display	<ul style="list-style-type: none"> Backlit RGB Black & white 	<ul style="list-style-type: none"> 1.3", (128x64) 1.3", (128x64) 	● ●
Keyboard		<ul style="list-style-type: none"> 2 keys 	●
Audio	<ul style="list-style-type: none"> Buzzer 		●
IP	<ul style="list-style-type: none"> Ingress protection 	<ul style="list-style-type: none"> IP54 	●
IK	<ul style="list-style-type: none"> Shock protection 	<ul style="list-style-type: none"> IK10 	●

Terminal connections	<ul style="list-style-type: none"> Powered USB Powered RS 232 	<ul style="list-style-type: none"> USB Slave RS232 	● ●
Power Supply	<ul style="list-style-type: none"> External Stand by mode 	<ul style="list-style-type: none"> 5V by USB Slave 	● ●
Terminal Size	<ul style="list-style-type: none"> Overall W x H x D Cut area W x H 	<ul style="list-style-type: none"> 85 x 107 x 60 85 x 107 	● ●
Weight		<ul style="list-style-type: none"> 270g 	●
Environment	<ul style="list-style-type: none"> Operating temperature Storage temperature Relative humidity 	<ul style="list-style-type: none"> -20°C to +65°C -20°C to +65°C 90% HR at +55°C 	● ● ●
Customization		<ul style="list-style-type: none"> Layout sheet (in factory only) 	●
Security		<ul style="list-style-type: none"> PCI PTS 4.x online & offline certified 	●



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