

iUC285

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

- Accept all payment methods with a single module integrating NFC/contactless, EMV, and magstripe
- Meet the needs of advanced vending machines and kiosks with this standalone solution
- Integrate electronic payment easily into your self-service business
- Mount the device externally for easy integration



security



smartcard



magstripe



contactless



rugged

Part of the iSelf Series, the iUC285 enables the simple and secure integration of contact and contactless payment when no cardholder verification method (CVM) is required.

Highest Security Levels

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

All Payment Options, Including NFC/Contactless

The iUC285 accepts all NFC/contactless payments enabling mobile wallet acceptance, including Apple Pay & Android Pay. The device is MasterCard® Contactless, Visa payWave®, American Express® contactless, Discover® Zip®, and Interac Flash® ready. It also enables EMV Chip & Magstripe transactions that don't require PIN entry.

User-Friendly Design

The iUC285 provides a simple and friendly interface with a high-contrast backlit graphic display that provides clear user guidance throughout the interaction.

Highly Ruggedized

Thanks to its robust design (IK10) the iUC285 stands up to demanding indoor and outdoor environments. In addition, it provides protection (IP54) from dust and water which allows use in a wide variety of environmental conditions.

Telium 2 Technology

Powered by Ingenico Group, 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 Ingenico Group's 27 million terminals deployed worldwide.

Easy Integration

The compact iUC285 is embedded in its enclosure and integrated according to the European Vending Association (EVA) market standard. External mounting makes for a simple installation and maintenance requires no additional equipment or commissioning.

Designed for Intelligent Systems

The iUC285 must be connected via USB or RS232 to a PC or Linux computer, 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 Group is committed to safeguarding the environment. Our manufacturing facilities are ISO 14001 certified.



Feature		Description
Processor	Type	RISC 32-bits ARM9 RISC 32-bits ARM7
	Speed	450 MIPS + 50 MIPS
	Memory	RAM/Flash 16MB/128MB
Removable memory	µSD Card	1
SAM		2
Card readers	Smartcard	●
	Magstripe	●
	Contactless	ISO 14443 A/B
Display	Graphic 128 x 64 pixels	●
	Backlit RGB	●
	Black & white	●
Keyboard	Capacitive keys	2
	Buzzer	●
Connections	RS232	1
	USB Slave	1
Power Supply	External power supply	5V by USB slave
	Stand by mode	●
Size	Overall (L x W x H)	3.35" x 4.33" x 2.36" (85 x 110 x 60 mm)
	Cut area (W x H)	4.21" x 3.35" (107 x 85 mm)
Weight		9.5 oz (269 g)
Customization		Layout sheet (in factory only)
Environment	Operating temperature	-4°F to 149°F (-20°C to 65°C)
	Storage temperature	-4°F to 149°F (-20°C to 65°C)
	Relative humidity, non condensing	90% HR at 131°F (55°C)
IP	Ingress protection	IP54
IK	Shock protection	IK10
PCI PTS	4.x	●

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