

iUC 160B

Adding contactless payment solutions
in all self-service system

- ◉ Provide easily contactless payment in your self-service systems with a compact and easy to install stand-alone module
- ◉ Enable the latest contactless payments and new use cases
- ◉ Cut complexity in payment and security
- ◉ Integrate contactless payment with best-in-class flexibility



The iUC160B allows easy and secure integration of contactless payment into any self-service system (vending machine, ticket validator, gate, kiosk...).

Highest Security Levels

PCI PTS 4.x, iUC160B (part of iSelf series) meets the highest and latest hardware and software mandatory security requirements. The iUC160B complies with open protocol and SRED modules.

Contactless Payment

The iUC160B is a stand-alone module which adds the contactless payment in all intelligent system (e.g. PC, Linux Box, Android box...) and especially in the Vending, Parking, Retail or Transportation industries

Adding contactless payment in all self-service business

The iUC160B is a stand-alone module which provides easy and fast contactless card to all non Telium 2 configuration (e.g. PC, Linux Box, Android box...) especially in Vending, Parking, Retail or Transportation industry.

Highly Ruggedized

Thanks to its robust design the iUC160B 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 (IP65).

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 compliant to the EVA** market standards. With its EVA CDM (Compact Door Module) form factor, the iUC160B is one of the most compact stand-alone contactless reader on the market.

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.

Easy to connect

The iUC160B can be connected thru USB or serial port. 2 SAM readers and a MicroSD reader are also available to address all use-cases

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



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 	<ul style="list-style-type: none"> • • •
Memory	<ul style="list-style-type: none"> Internal External 	<ul style="list-style-type: none"> 32MB/128MB MicroSD up to 32GB 	<ul style="list-style-type: none"> • •
SAM		<ul style="list-style-type: none"> 2 	<ul style="list-style-type: none"> •
User interface	<ul style="list-style-type: none"> Contactless landing zone LED indicator 	<ul style="list-style-type: none"> RVB backlit landing zone 4 green LEDs 	<ul style="list-style-type: none"> • •
Card readers	<ul style="list-style-type: none"> NFC/Contactless 	<ul style="list-style-type: none"> EMV Level 1 compliant ISO 14443 A/B 	<ul style="list-style-type: none"> • •
Maintenance interface		<ul style="list-style-type: none"> Maintenance button + LED 	<ul style="list-style-type: none"> •
Audio	<ul style="list-style-type: none"> Buzzer 	<ul style="list-style-type: none"> Mono 	<ul style="list-style-type: none"> •

Connections	<ul style="list-style-type: none"> USB Slave (JST connector) Serial & Wake up link PIN for wake up 	<ul style="list-style-type: none"> Dedicated 2 pins connector 	<ul style="list-style-type: none"> • • •
Power supply	<ul style="list-style-type: none"> External power supply Stand by mode 	<ul style="list-style-type: none"> 5V Max - 500 mA by USB slave 	<ul style="list-style-type: none"> • •
Size	<ul style="list-style-type: none"> Overall W x H x D mm Cut area W x H mm 	<ul style="list-style-type: none"> 73 x 61 x 29 73 x 61 	<ul style="list-style-type: none"> • •
Weight		<ul style="list-style-type: none"> 102g 	<ul style="list-style-type: none"> •
Environment	<ul style="list-style-type: none"> Operating temperature Storage temperature Relative humidity, non condensing IP Ingress protection 	<ul style="list-style-type: none"> -20°C to +70°C -20°C to +70°C 90% HR at +55°C IP65 	<ul style="list-style-type: none"> • • • •
IK	<ul style="list-style-type: none"> Shock protection 	<ul style="list-style-type: none"> IK10 	<ul style="list-style-type: none"> •
Security		<ul style="list-style-type: none"> PCI PTS 4.x 	<ul style="list-style-type: none"> •



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