

iUC 180B

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



The iUC180B allows easy and secure integration of contactless payment into self-service businesses.

PCI PTS Security Levels

PCI PTS 3.x, iUC180B (part of the iSelf Series) meets 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 iUR255, the iUC180B enables EMV chip & PIN and Magstripe transactions on kiosks while respecting security standards and improving customer interactivity. With this no CVM* solution, transaction 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 40 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.



| | | | |
|---------------------------|------------------|--|----------------------|
| Processor | Type | • RISC 32-bits ARM9 • RISC 32-bits ARM7 • 450 MIPS + 50 MIPS | • |
| | Speed | | • |
| Memory | RAM/Flash | • 32MB/128MB | • |
| | Removable memory | • 1 µSD Card | • |
| SAM | | • 2 | • |
| SIM | Contactless | ISO 14443 A/B | Option • |
| Communication mode | | GPRS Ethernet Bluetooth | Option • Option • |
| | | | • |
| Display | | • Graphic 128 x 64 pixels Backlit RGB Black & white | • • • |
| | | | • |
| Keyboard | Capacitive keys | 2 | • |
| Audio | Buzzer | • Mono | • |
| Maintenance | | • Rear display and keyboard | • |

| | | | |
|----------------------|--|---|------------------------------|
| Connections | • RS232 • USB Host • USB Slave • MDB Slave • MDB Master | 1 or 2 4 1 | • • • • Option • |
| | | | |
| Power supply | • External power supply • Stand by mode | • 10V to 45V DC | • • |
| Size | • Overall W x H x D mm • Cut area W x H mm | • 120 x 134 x 62 • 107 x 85 | • • |
| Weight | | • 620g | • |
| Environment | • Operating temperature • Storage temperature • Relative humidity, non condensing • IP Ingress protection | • -20°C to +65°C • -20°C to +65°C • 90% HR at +55°C • IP65 | • • • • |
| | | | |
| IK | • Shock protection | • IK10 | • |
| Security | | • PCI PTS 3.x | • |
| Customization | Layout sheet | | • |



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