

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.



security



contactless



rugged



color blacklit

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

Highest Security Levels

PCI PTS 3.x, iUC180B (part of the iSelf Series) meets the highest and latest 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 iUR250, 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 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 embedded in their enclosure and integrated according to the EVA** market standard. Maintenance requires no additional equipment and our devices can be updated using the iUC180B maintenance display and keypad. It is so flexible that interfacing with the entire kiosk system has never been so easy.

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.

Flexible Communication and Connectivity

The iSelf Series provides a wide range of integrated connectivity features to communicate with kiosks, acquirers, hosts or service providers (telemetry). It includes USB (slave, master), RS232, MDB (slave, optional master), Ethernet and optional GPRS, covering most kiosk system requirements.

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



| iSelf Series | | iUC 180B |
|--------------------|-----------------------------------|--|
| 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 |
| Communication mode | GPRS | Option |
| | Ethernet | ● |
| | Bluetooth | Option |
| SAM | | 2 |
| SIM | Contactless | Option ISO 14443 A/B |
| | | |
| Display | Graphic 128 x 64 pixels | ● |
| | Backlit RGB | ● |
| | Black & white | ● |
| Keyboard | Capacitive keys | 2 |
| Buzzer | | ● |
| Connections | RS232 | 1 or 2 |
| | USB Host | 4 |
| | USB Slave | 1 |
| | MDB Slave | ● |
| | MDB Master | Option |
| Power supply | External power supply | 10V to 45V DC |
| | Stand by mode | ● |
| Size | Overall W x H x D mm | 120 x 134 x 62 |
| | Cut area W x H mm | 107 x 85 |
| Weight | | 620g |
| Customization | | Layout sheet |
| Environment | Operating temperature | -20°C to +65°C |
| | Storage temperature | -20°C to +65°C |
| | Relative humidity, non condensing | 90% HR at +55°C |
| | IP Ingress protection | IP65 |
| IK | Shock protection | IK10 |
| PCI PTS | 3.x | ● |



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Smart
terminals