

iSelf DUO

Compact unattended payment solutions
for self-service business



- Accept contact and contactless payment options
- Simplify mechanical integration due to a 2 devices configuration including a 3-in-1 module
- Cut complexity in payment and security implementation
- Enable new Low Energy sleep modes with reduced wake-up times

Part of the iSelf series, the iUC250 & iUP250LE enable the simple and secure integration of contact and contactless payment into the Self-Service business

High security level

Fully PCI PTS 4.x compliant, the solution is also compliant with SRED and provides flexible options with Open Protocol modules.

«3 readers in one module», including contactless/NFC

The iUC250 is a multiple reader which accepts all contactless/NFC payments and new use cases such as e-Wallets and ticketing. It also complies with standards such as MasterCard PayPass, VisaPayWave and EMV contact and contactless cards.

User friendly by design

The solution provides a simple and easy-to-use customer interface with brightly colored backlit display, LEDs and function keys, making their use a pleasurable experience. Thanks to the sleek & compact design, transactions are simpler, faster and secure.

Highly ruggedized

Thanks to its robust design (IK10) and high protection against water (IP54) the iSelf series stands up to the most demanding indoor and outdoor environments and a wide variety of adverse environmental conditions.

Low Energy

Thanks to 2 new light sleep modes (idle/mixed), the iUP250LE reaches the best market's energy management. Up to less than 2mA for the full configuration and a reduced wake up time, these configurations meet the requirements of use cases like the on-street parking.

Easy mechanical integration

With only 2 modules to integrate and the ability to connect the iUC250 from outside the kiosk, it was never so easy to integrate payment configuration in a kiosk or a vending machine. Our compact and modular devices are embedded in their enclosure and integrated according to the EVA* EPS standard.

* European Vending Association



	iUP 250	iUC 250
Processor	• ARM9 (main) + ARM7 (crypto) • Telium 2	• ARM9 (main) + ARM7 (crypto) • Telium 2
Memory	• 32 MB RAM / 128 MB Flash • MicroSD up to 32GB	• 32 MB RAM / 128 MB Flash • MicroSD up to 32GB
SAM	• 2 x SAM ID-000	• 2 x SAM ID-000
Contactless reader		• EMV Level 1 / ISO 14443 A/B/B'
Contact readers		• EMV L1 - 500k reads lifespan • MSR ISO 1/2/3 - 500k reads lifespan
Display	• 128x 64 RGB backlit	
Keyboard	• 12 keys keyboard • 2 user keys	
Maintenance interface	• Maintenance button + LED	• Maintenance button + LED
Audio	• Buzzer mono	• Buzzer mono
Terminal Connections	• 2x USB-A host (+1x USB JST) • 1x USB-B device • 2x RS 232 (JST) • Wake up mechanism (RS 232)	• 1x USB-B Slave • 1x RS 232 (RJ11) • Wake up mechanism (RS 232)

	iUP 250	iUC 250
Terminal Connectivity	• Ethernet 10/100 baseT RJ45 • Version without Ethernet in option	
Security	• PCI PTS 4.x certified	• PCI PTS 4.x certified
IP	• IP 65	• IP 54
IK	• IK 10	• IK 10
Power Supply	• 9-16V DC (up 45V DC in option) • Sleep modes : deep/idle/mixed	• 5V Max - 500 mA by USB slave • Stand by mode
Terminal Size	• 101 (W) x 134 (H) x 39 (D) mm (3.97" x 5.27" x 1.53")	• 85 (W) x 107 (H) x 60 (D) mm (3.34" x 4.21" x 2.36")
Cut area	• 85 (W) x 107 (H) mm (3.35" x 4.21") • EVA EPS compliant (SDM)	• 85 (W) x 107 (H) mm (3.35" x 4.21") • EVA EPS compliant (SDM)
Weight	• 860g (30.33oz)	• 270g (9.52oz)
Environment	• -20°C to +65°C (-4°F to 149°F) - Operating • -20°C to +65°C (-4°F to 149°F) - Storage • 85% HR at +55°C (131°F) - condensing	• -20°C to +65°C (-4°F to 149°F) - Operating • -20°C to +65°C (-4°F to 149°F) - Storage • 85% HR at +55°C (131°F) - condensing



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