ingenico

MOBY/5500

A compact card reader
for versatile integration

- Accepts all card-based payments: EMV, magstrope and NFC/contactless

- Secure card reader available in two versions: Chip & Sign or Chip & PIN

- PIN on Mobile Ready

- Compliant with the latest security standards

- White-label options for custom branding

ingenico
Mobile
solutions

PIN on Mobile-ready secure payment acceptance solution built to create versatile and flexible checkout experiences for shoppers.

Multiple alternative payment methods supported
- EMV Chip & PIN, contactless, magstripe

Seamless integration
- Multiple contact pads, USB-C connector and a large array of peripherals and accessories

Easily connect with iOS, Android smartphones and tablets as well as Windows based devices
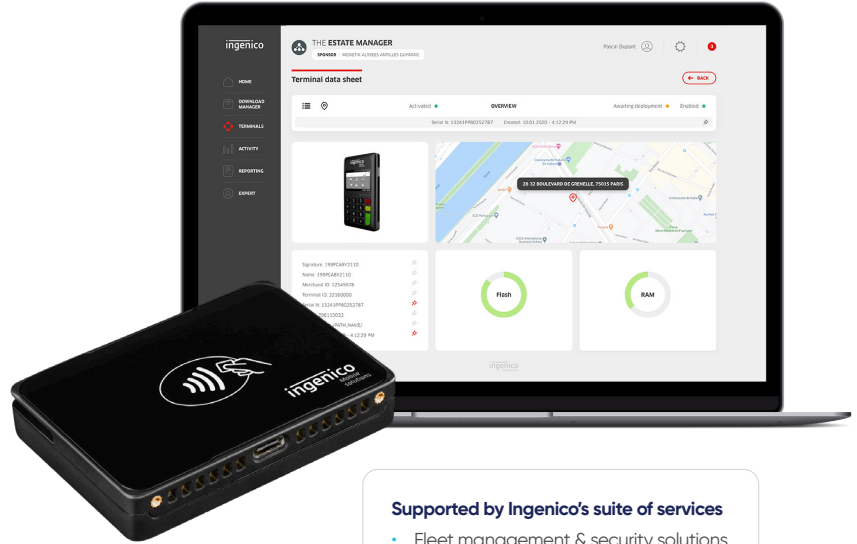- Via Bluetooth and USB/Lightning with MFI certification

Compact design to carry in the pocket all day

Complaint with the latest security standard (PCI PTS V6)

Integrated with ingenico secure back-end and Moby-PIN application
- The Moby/5500P variant allows a PIN on Mobile solution (SPOC)

Supported by Ingenico's suite of services
- Fleet management & security solutions
- Hardware services
- Professional services

Specifications

			Moby/5500 (SCR variant)	Moby/5500P (SCRP variant)
OS	• Android		✓	✓
	• iOS		✓	✓
	• Windows		✓	✓
Processor	• Application processor	• Cortex-M4 150 MHz	✓	✓
Card readers	• Magnetic card reader	• Support ISO 1/2/3 track data	✓	✓
	• Smart card reader	• EMV Contactless Chip reader	✓	✓
	• NFC/contactless	• NFC reader with 4 LEDS	✓	✓
Display	• LED lights for contactless, device battery status and bluetooth readiness		✓	✓
Encryption		• AES, TDES-DUKPT, RSA or On-Guard DATA key (SRED)	✓	✓
		• TR39/PCI PIN 2.0 DATA & PIN certified key management	✓	✓
		• Remote key update service (ingenico-hosted service)	✓	✓
Power Supply	• USB	• USB Type C AB cable / PSU not provided	✓	✓
Accessories	• Clip-on		Option	Option
	• Stand		Option	Option

			Moby/5500 (SRC VARIANT")	Moby/5500P (SRCP variant)
Certifications & Security		• FCC, CE, WEEE, EMV, L1 & L2 Contact, EMV L1 Contactless, Mastercard Conctactless 4.14, Visa payWave 2.2, Amex Express Pay 4.1, JCB 1.4/ Speedy 1,4, Discover D-PAS 2.0, CUP qUICS	✓	✓
		• SCR Class	✓	✓
		• SCRP Class	N/A	N/A
		• PCI PTS 6.x	✓	✓
Connections	• USB	• USB Type C for charging & data connection	✓	✓
		• BTLE 4.2	✓	✓
		• Apple™ MFI for wire connection to iOS devices	Option	Option
Battery	• Li-ion	• 500mAh - Rechargeable battery	✓	✓
		• Battery life: 400 contactless transaction, 500 EMV contact transactions, or 800 swipe transactions per charge	✓	✓
Size	• Terminal only	• 77 x 54 x 14 mm (3.03 x 2.13 x 0.58")	✓	✓
Weight	• Terminal + battery	• <70 grams (<2,47 oz)	✓	✓
Lifetime		• 100k transactions on magstrope reader & smart card reader	✓	✓
		• 3 years / 500 cycles for battery	✓	✓

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