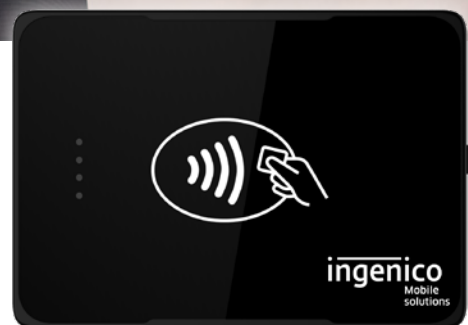# Moby/5500

A compact card reader for versatile integration

- Accepts all card-based payments: EMV, magstripe 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

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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

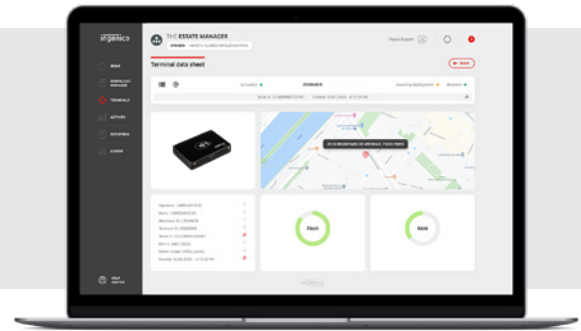**Compact design to carry in the pocket all day**

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

		Moby/5500 (SCR variant)	Moby/5500P (SCRP variant)
Processor	• Cortex-M4 150 MHz	✓	✓
Supported OS	• Android, iOS and Windows	✓	✓
Card readers	• Magstripe card reader Track 1/2/3	✓	✓
	• EMV chip reader & 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)	✓	✓
Certifications & security	• FCC, CE, WEEE, EMV L1 & L2 Contact, EMV L1 Contactless, MasterCard Contactless 4.1.4, Visa payWave 2.2, Amex Express Pay 3.1, JCB J/Speedy 1.4, Discover D-PAS 1.0, CUP qUICS.	✓	✓
	• SCR Class	✓	N/A
	• SCRP Class	N/A	✓
	• PCI PTS 6.x	✓	✓

		Moby/5500 (SCR variant)	Moby/5500P (SCRP variant)
Terminal connections	• USB-C connector for charging & data connection	✓	✓
	• BTLE 4.2	✓	✓
	• Apple™ MFi for wire connection to iOS devices	Option	Option
Power supply	• Via USB-C AB cable / PSU not provided	✓	✓
Battery	• 500 mAh Li-Ion - Rechargeable battery	✓	✓
	• Battery life: 400 contactless transaction, 500 EMV contact transactions, or 800 swipe transactions per charge	✓	✓
Dimensions (L x W x H)	• 77 × 54 × 14 mm (3.03 × 2.13 × 0.58")	✓	✓
Weight	• <70 grams (<2.47 oz)	✓	✓
Lifetime	• 100k transactions on magstripe reader & smart card reader	✓	✓
	• 3 years / 500 cycles for battery	✓	✓
Accessories	• Clip-on	Option	Option
	• Stand	Option	Option

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