

Moby/5500

A versatile range of compact card readers to accept all transaction types

- 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
- PCI-PTS 5.x certified to meet the latest security standards
- White-label options for custom branding



security



smartcard



magstripe



contactless



bluetooth



USB



This new generation of mobile card readers enables merchants, Independent Software Vendors (ISVs) and developers to go-to-market quickly with a PIN on Mobile-ready secure payment acceptance solution built to create versatile and flexible checkout experiences for shoppers.

Secure payment flexibility

The Moby/5500 accepts all card-based payments including EMV Chip & Sign, Chip & PIN, NFC contactless and magstripe. With a built-in extended battery, this device is capable of hundreds of EMV transactions on a single charge

It is certified for PCI PTS 5.x SRED, EMV L1 and L2, EMV L1 contactless, Visa payWave, Mastercard Contactless, Amex Express Pay, Discover D-PAS and CUP qUICS.

PIN on Mobile

Integrated with a back-end monitoring and a PIN CVM app, the Moby/5500P Secure Card Reader for PIN (SCRP) variant gives payment providers the ability to meet PCI standards and allow PIN on Mobile.

Merchants benefit from the compact, lightweight device that enable PIN entry on their smartphone or tablet. Card holders insert their card in SCRCP and enter their PIN on the merchant's mobile device a fully secure payment environment.

Versatile design

The Moby/5500 offers a neat and scalable design. It also includes multiple contact pads and USB-C connector to simplify integration with a large array of peripherals, smartphones, tablets and accessories.

White-label options allow customized branding on the front of the device.

Easy integration

The Moby/5500 is compatible with iOS, Android and Windows. It connects easily via Bluetooth with over 500 iOS, Android and Windows smartphones and tablets.

The Moby/5500 leverages a mature platform by combining Ingenico's mPOS EMV Software Development Kit (SDK) with a single generic PIN pad application



NAME		Moby/5500 (SCR variant)	Moby/5500P (SCRCP variant)
Card readers	Magstripe card reader Track 1/2/3	Option	N/A
	EMV chip reader & NFC reader with 4 LEDs	●	●
Processor	Cortex®-M4 150 MHz	●	●
Dimensions (L x W x H)	77 x 54 x 14 mm (3.03 x 2.13 x 0.58 inches)	●	●
Weight	<70 grams (<2.47 oz)	●	●
Display	LED lights for contactless, device, battery status and Bluetooth readiness	●	●
Battery	500 mAh Li-Ion Rechargeable battery	●	●
	Battery life: 400 contactless transaction, 500 EMV contact transactions, or 800 swipe transactions per charge	●	●
Terminal connections	USB-C connector for charging & data connection	●	●
	BTLE 4.2 with optional Apple™ MFi for wire connection to iOS devices	●	●
Supported OS	Android, iOS and Windows	●	●
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 3.1, Visa payWave 2.2, Amex Express Pay 3.1, Discover D-PAS 1.0, CUP qUICS.	●	●
	SCR Class	●	N/A
	SCRCP Class	N/A	●
	PCI PTS 5.x	●	●
Lifetime	100k transactions on magstripe reader & smart card reader	●	●
	3 years / 500 cycles for battery	●	●
Power supply	Via USB-C AB cable / PSU not provided	●	●
Accessories	Clip-on Stand	Option Option	Option Option



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