

Moby/5500 Series

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



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, EMV Chip & PIN, NFC/contactless and magstripe. With a built-in extended battery life, this device allows over 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 back-end monitoring and a PIN CVM app, the Moby/5500P Secure Card Reader for PIN (SCRP) variant allows payment providers to meet the PCI standards to allow PIN on Mobile.

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

Versatile Design

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

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

Easy Integration

The Moby/5500 is compatible with most platforms including: 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	●	N/A
	EMV chip reader & NFC reader with 4 LEDs	●	●
Processor	Cortex®-M4 150 MHz	●	●
Dimensions (L x W x H)	3.03 x 2.12 x 0.55 inches (77 x 54 x14 mm)	●	●
Weight	<2.47 oz (<70 gms)	●	●
Display	LED lights for contactless, device, battery status and Bluetooth readiness	●	●
Battery	500 mAh Li-Ion Rechargeable battery	●	●
	Battery life: Up to 400 transactions per charge	●	●
Terminal Connections	USB-C connector for charging & data connection	●	●
	BTLE 4.2 with optional Apple™ MFi for wired 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 and 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.	●	●
	PCI PTS SCR 5.x / PCI PTS SCRCP 5.x	●	●
Lifetime	Up to 100k on magstripe reader and smart card reader	●	●
	3 years / 500 cycles for battery	●	●
Power Supply	Via USB-C AB cable / PSU not provided	●	●
Accessories	Clip-on Stand	Optional Optional	Optional Optional



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