

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



Comply with the latests security standards with PIN on Mobile-ready solution



White-label options for custom branding



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

Compliant 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



Specifications

		Moby/5550 (SCR variant)	Moby/5500P (SCR variant)	Moby/5550 (SCR variant)	Moby/5500P (SCR variant)
OS	<ul style="list-style-type: none"> • Android • iOS • Windows 				
Processor	<ul style="list-style-type: none"> • Application processor 	<ul style="list-style-type: none"> • Cortex-M4 150 MHz 			
Card readers	<ul style="list-style-type: none"> • Magnetic card reader • Smart card reader • NFC/contactless 	<ul style="list-style-type: none"> • Support ISO 1/2/3 track data • EMV Contactless Chip reader • NFC reader with 4 LEDs 			
Display	<ul style="list-style-type: none"> • LED lights for contactless, device battery status and bluetooth readiness 				
Encryption		<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • USB 	<ul style="list-style-type: none"> • USB Type C AB cable / PSU not provided 			
Accessories	<ul style="list-style-type: none"> • Clip-on • Stand 		Option	Option	Option
Certifications & Security	<ul style="list-style-type: none"> • FCC, CE, WEEE, EMV, L1 & L2 Contact, EMV L1 Contactless, Mastercard Contactless 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 • SCR Class • PCI PTS 6.x 			N/A	N/A
Connections	<ul style="list-style-type: none"> • USB 	<ul style="list-style-type: none"> • USB Type C for charging & data connection • BTLE 4.2 • Apple™ MFI for wire connection to iOS devices 		Option	Option
Battery	<ul style="list-style-type: none"> • Li-ion 	<ul style="list-style-type: none"> • 500mAh - Rechargeable battery • Battery life: 400 contactless transaction, 500 EMV contact transactions, or 800 swipe transactions per charge 			
Size	<ul style="list-style-type: none"> • Terminal only 	<ul style="list-style-type: none"> • 77 x 54 x 14 mm (3.03 x 2.13 x 0.58") 			
Weight	<ul style="list-style-type: none"> • Terminal + battery 	<ul style="list-style-type: none"> • <70 grams (<2,47 oz) 			
Lifetime		<ul style="list-style-type: none"> • 100k transactions on magstripe reader & smart card reader • 3 years / 500 cycles for battery 			

