

# RP457c Series

## Powering secure mobile acceptance of contactless and EMV payments

- Accept EMV, magstripe, and NFC/contactless transactions, like Apple Pay, in a single device
- PCI PTS 4.x certified (RP457c & RP457c-USB), EMV L1 & L2 Contact, EMV Level 1 Contactless
- Three connectivity options including audio jack, Bluetooth and USB, enabling versatile use cases
- White labeling options enabling custom branding of the device
- Suite of accessories designed to support mobile and in-store use cases, including the desktop cradle and the clip-on accessory



security



smartcard



magstripe



contactless



audio jack



USB



PCI PTS  
4.x

security

Designed to accept EMV, magstripe card payments, and NFC/contactless payments. The RP457c is the first and only PCI PTS 4.1 and SRED-certified mobile card reader of its kind.

### Flexible

- Incorporates a 3-track MSR, SCR & NFC reader in one unit
- Three flexible uses – audio jack, Bluetooth companion, and desktop reader over USB
- Compatible with hundreds of iOS and Android smartphones and tablets
- Auto-adjustable clamp to securely attach to virtually any mobile device

### Secure

- Certified to the latest industry security standards: PCI PTS 4.1 POI SRED (RP457c & RP457c-USB)
- Tamper detection and responsiveness, ensuring constant reader integrity
- TR-39 PCI-PIN certified facility for in-factory DATA key injection

### User-Friendly

- Small overhang on top of device for increased stability and easy portability
- Bi-directional, 3-track card reader with long guide-length ensuring maximum read performance
- LED and beep indicators for battery and reader status
- Micro USB port for charging and data, for PC & Android OTG devices
- Developer-friendly SDK that abstracts low-level interactions

### Accessories

- Desktop cradle provides flexibility to use the RP457c series as a desktop reader
- Clip-on accessory for RP457c-BT allows merchants to seamlessly attach the device to a smart phone or a tablet via a small plate



FEATURE	RP457c	RP457c-BT	RP457c-USB
<b>Main Processor</b>	ARM Cortex-M4	ARM Cortex-M4	ARM Cortex-M4
<b>Card Readers</b>	Magstripe card reader Track 1/2/3 EMV Chip reader ISO7816 EMV L1 & L2 NFC reader with 4 LEDs & buzzer	Magstripe card reader Track 1/2/3 EMV Chip reader ISO7816 EMV L1 & L2 NFC reader with 4 LEDs & buzzer	Magstripe card reader Track 1/2/3 EMV Chip reader ISO7816 EMV L1 & L2 NFC reader with 4 LEDs & buzzer
<b>Display</b>	LED lights for contactless, device, battery status and Bluetooth readiness	LED lights for contactless, device, battery status and Bluetooth readiness	LED lights for contactless, device and battery status
<b>Connectivity</b>	Micro USB for charging & PC/USB OTG connection Audio jack connector with reversible position BT 4.0 MFI BT pairing by audio jack Audio jack concealed	Micro USB for charging & PC/USB OTG connection BTLE 4.0	Micro USB for charging & PC/USB OTG connection
<b>Supported OS</b>	Android, iOS & Win32	Android, iOS & Win32	Android (OTG devices) & Win32
<b>Encryption/ Security</b>	TDES-DUKPT TR39 / PCI PIN 2.0 DATA certified key management Tamper responsive (tamper switch + security battery) Roam Remote Key Update Service	TDES-DUKPT TR39 / PCI PIN 2.0 DATA certified key management Tamper responsive (tamper switch + security battery) Roam Remote Key Update Service	TDES-DUKPT TR39 / PCI PIN 2.0 DATA certified key management Tamper responsive (tamper switch + security battery) Roam Remote Key Update Service
<b>Battery</b>	260 mAh Li-ion rechargeable battery	260 mAh Li-ion rechargeable battery	260 mAh Li-ion rechargeable battery
<b>Battery Life</b>	Up to 200 EMV/contactless or 400 MSR transactions per charge	Up to 200 EMV/contactless or 400 MSR transactions per charge	Up to 200 EMV/contactless or 400 MSR transactions per charge
<b>Dimensions</b>	2.46 x 2.64 x .94 in.	2.46 x 2.64 x 0.74 in.	2.46 x 2.64 x 0.74 in.
<b>Weight</b>	<2.3 oz.	<2.3 oz.	<2.3 oz.
<b>Lifetime</b>	100k transactions minimum on smart card reader & magstripe reader	100k transactions minimum on smart card reader & magstripe reader	100k transactions minimum on smart card reader & magstripe reader
<b>Certifications</b>	FCC, ROHS, WEEE, EMV L1 & L2 contact, EMV L1 Contactless, PCI-PTS 4.1 SRED, Amex Express Pay 4.0.2, Discover D-PAS 1.0, Visa PayWave 2.2, Mastercard PayPass 3.1	FCC, WEEE, EMV L1 & L2 Contact, EMV L1 Contactless, Amex Express Pay 4.0.2, Discover D-PAS 1.0, Visa PayWave 2.2, Mastercard PayPass 3.1	FCC, ROHS, WEEE, EMV L1 & L2 contact, EMV L1 Contactless, PCI-PTS 4.1 SRED, Amex Express Pay 4.0.2, Discover D-PAS 1.0, Visa PayWave 2.2, Mastercard PayPass 3.1
<b>Power Supply</b>	Via μUSB AB cable / PSU not provided	Via μUSB AB cable / PSU not provided	Via μUSB AB cable / PSU not provided
<b>Accessories</b>	Desktop cradle, companion case (in the box)	Desktop cradle, clip-on	Desktop cradle

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