

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



bluetooth



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
Main Processor	ARM Cortex-M4	ARM Cortex-M4	ARM Cortex-M4
Card Readers	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
Display	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
Connectivity	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
Supported OS	Android, iOS & Win32	Android, iOS & Win32	Android (OTG devices) & Win32
Encryption/ Security	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
Battery	260 mAh Li-ion rechargeable battery	260 mAh Li-ion rechargeable battery	260 mAh Li-ion rechargeable battery
Battery Life	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
Dimensions	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.
Weight	<2.3 oz.	<2.3 oz.	<2.3 oz.
Lifetime	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
Certifications	FCC, ROHS, WEEE, EMV L1 & L2 contact, EMV L1 Contactless, PCI-PTS 4.1 SRED, Amex Express Pay 3.0, Discover D-PAS 1.0, Visa PayWave 2.1.3, Mastercard PayPass 3.0	FCC, WEEE, EMV L1 & L2 Contact, EMV L1 Contactless, Amex Express Pay 3.0, Discover D-PAS 1.0, Visa PayWave 2.1.3, Mastercard PayPass 3.0	FCC, ROHS, WEEE, EMV L1 & L2 contact, EMV L1 Contactless, PCI-PTS 4.1 SRED, Amex Express Pay 3.0, Discover D-PAS 1.0, Visa PayWave 2.1.3, Mastercard PayPass 3.0
Power Supply	Via µUSB AB cable / PSU not provided	Via µUSB AB cable / PSU not provided	Via µUSB AB cable / PSU not provided
Accessories	Desktop cradle, companion case (in the box)	Desktop cradle, clip-on	Desktop cradle

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