



Infinite
Peripherals

PRIMA M

The Prima M reader for use with iOS and Android platforms. The Prima M reader is SRED-certified for end-to-end encryption capability. Infinite Peripheral's 3-track MSR is a robust reader with a user-friendly touch, which can be used for many applications such as mobile payments, user identification, loyalty cards and gaming.

FEATURES

PARAMETERS

ELECTRICAL

Battery	Rechargeable 3.7V/200 mAh Li-Po Battery Up to 25,000 readings
Power Supply	Charge from Micro USB
Power Consumption	Reading - 8.5 mA to 22 mA Sleep - 6.5 uA
Operation Modes	Active (Power On) Power Off (after 2-second idle)
MCU	STM32L151 Microprocessor Up to 16KB RAM Up to 128 KB Flash Operating standard ISO/IEC 7816
Memory	Up to 512k I2C EEPROM memory (for Audio SCR settings)
I/O Connector	3.5 mm TRRS Jack
Magnetic Stripe Reader	3-track encrypted magnetic stripe reader
Encryption Methods	AES256 (Fixed) Management 3DES (DUKPT) Key Management RSA-2048
Communications	Proprietary audio protocol interface between iOS or Android devices
Audio Interface	Speed: 2000 bps Proprietary Protocol
Reliability	Guaranteed 200,000 card cycles

MECHANICAL

Dimensions	38.5mm (L) x 58mm (W) x 13mm (H)
Weight	1.1 ounces

ENVIRONMENT

Operating Temperature	0°C to +40°C / 35 to 85% RH
Storage Temperature	-5°C to +40°C / 10 to 90% RH

SOFTWARE

Software Support	SDK for iOS and Android platforms
Compatibility	Contact your Infinite Peripherals sales representative for a list of supported devices.
Applications	Mobile payments, User Identification, Loyalty (Customer Rewards), Gaming and many others
Certifications	PCI PTS 3x SRED-compliant



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