

Rocstor CR15 USB Smart Card Reader

Y10P006-B2 (USB-C)



Rocstor CR15 USB Smart Card Reader - Common Access Card (CAC) Reader, PIV and Secure Access. FIPS 140-2 Compliant - Supported Cards: ATM/CAC/ID/IC/SIS/Credit Cards - Standard: ISO 7816 & EMV Level 1 & T=0 and T=1 Protocol - EMV 4.0 Level 1 specification certified - PBOC2.0 Level 1 certified - Supports USB 2.0 full speed, USB-IF certified - Windows®, Mac OS® & Linux® Compatible - USB-C - Bus Powered - Black - 3 Year Warranty - USB-C - TAA Compliant

The Rocstor CR15 USB-C Smart Card Reader is designed for demanding government, corporate and banking users. It has a compact and stylish design, and it is compatible to use with many governments' stringent requirements. The USB card reader supports smart cards meeting ISO7816 Class A, B and C standards, which include CAC and PIV, hence makes it ideal to meet legacy, current, or future security needs. The Rocstor compact mobile reader is designed to support T0, T1 protocols, USB-IF certified, and windows smart card standard, Microsoft WHQL, EMV for Europay MasterCard Visa standard and USB-IF CCID standards.

The Rocstor CR15 is fully compliant with EMV 2011 and FIPS 201, making it ideal for applications that demand extra security and data protection in daily use. Its sleek and modern design, ergonomic handling, and compact footprint offer the perfect balance of style and functionality. With a card data transmission rate of up to 600 kbps, and support for TA1=97, transactions are completed quickly and efficiently, providing maximum convenience for end-users.

The Rocstor smart card reader is designed with the highest-quality materials to meet the most demanding requirements for government data security use. It is compatible with a variety of Operating Systems such as Windows® XP/2000/Vista/Win7/Win8, Win10, Win11, Linux® Redhead® 9 and higher, Ubuntu® 8.04 and higher, Fedora® Core 9 or later versions.

Features:

- FIPS-201 Compliant. Smart Card Reader chip meets US Federal Information Processing Standard Publication 201
- PIV Compatible
- Secure Common Access Card CAC Compatible. With use with CAC card software. (CAC middleware is not included)
- Supports ISO-7816 Class A, B and C memory and microprocessor smart cards (T=0, T=1)
- EMV 4.0 level 1 Compliance, Conforms with banking, financial and government standards
- CCID Compliant
- Suitable for applications in government, healthcare, banking, entertainment, and secure network login.
- Plug & Play
- TAA compliant
- Rocstor Rocare 3-Year Warranty

Specification:

USB Interface:	USB-C (USB 2.0 Full Speed) Compatible with USB 3.0
Supports:	Single Slot
Supports:	T0, T1 Protocol
Supports:	I2C memory card, SLE4418, SLE4428, SLE4432, SLE4442, SLE4436, SLE5536, SLE6636, AT88SC1608, AT45D041 card and AT45DB041 card via external EEPROM
Supports:	ISO7816 Class A, B and C (5V/3V/1.8V) Cards
Implemented:	As an USB full speed device with bulk transfer endpoint, Mass Storage endpoint
Built-in:	PLL for USB and Smart Card clocks requirement
Supports:	Software update for memory card module
Supports:	Direct Web Page Link via configuration in external EEPROM
Supports:	Short APDU and extended APDU
Compatible with:	Microsoft USB-CCID driver
Supports:	Remote wake up through inserting card/removing card
Supports:	USB selective suspend
Supports:	Power Saving Mode (Using one pin to select between Normal/PWR Saving Mode)
Supports:	Card power over current protection mechanism* Support USB LPM (Link Power Management) feature
Embedded:	Clock source Standard Compliance
Certified:	EMV 4.0 Level 1 Specification
Certified:	PBOC2.0 Level 1
Supports:	USB 2.0 Full-Speed, USB-IF Certified
Based on:	ISO7816 implementation
Supports:	PC Smart Card Industry Standard - PC/SC 2.0
Supports:	Microsoft Smart Card for Windows
Meet:	Microsoft WHQL Smart Card Reader requirements
Meet:	US Federal Information Processing Standards (FIPS) Publication 201 requirements on smart card reader interoperability
Compatible operating system:	Windows XP/2000/Vista/Win7/Win8/Win10/Win11 - Linux Redhead 9, Ubuntu 8.04, Fedora Core 9 or later version MACOS 10.11.1 & above
Dimensions (WxLxH):	65 x 85 x 10 mm - 2.6 x 3.4 x 0.4 in
Cable length:	0.9 m - 35.4 in
US Federal Government:	TAA Compliant - Compatible with CAC, PIV, PIV-i, TWIC smart cards and others