



Contactless Smart Card Reader Module MCR523-M

General

MCR523-M is the ideal combination of contactless and near field communication (NFC) technologies in just one single device. Featuring 13.56 MHz contactless technology NFC, this PC-linked reader supports end-user environments where virtually all kinds of contactless credentials are being used, even in mixed populations.

Features

- Convenient: Modern, compact casing design for easy and ergonomic operation in limited-space environments
- Convergent: Features contactless and NFC technologies for use with mixed credential populations and form factors
- Fast: Transaction time optimized with 848kbs support in ISO/IEC 14443 for maximum end-user acceptance
- Interoperable: Supports major card ICs, standards and technologies in just one device
- Ready to use: Driver support for all major PC operating systems

Specification

Supported Card Chips	• Lascom Cards • MIFARE™ (Classic, Ultralight, Ultralight C, MIFARE PLUS, DESFire, DESFire EV1 2/4/8k), FeliCa™, Calypso, CD21, NFC Forum Tag types 1/2/3/4
Data Transfer Rate	106, 212, 424, or 848kpbs, depending on card IC
Antenna	Integrated
Driver and Software	
PC/SC Driver	PC/SC specification ver. 2.01.14 for: • Windows® 7/8/ 8.1/10 (32 and 64 Bit) • Windows® Server 2003/2008/2012 • MacOS 10. 10.x, 10.11.x, 10.12.x • Linux 2.6.x (32 and 64 bit) • Android 4.0 and higher
Software	PC/SC API
Operating Conditions	
Power Supply	Bus-powered USB
Power Consumption	50mA, excluding card

Dimensions	43 x 33 x 8 mm
Weight	8g
Operating Temperature Range	0° to 50°C (32° to 122°F)
Storage Temperature Range	-25 to 85°C (-4 to 140°F)
Operating Humidity Range	Up to 95% RH non - condensing
MTBF	~10M hours
Status Indicator	LED
Firmware	SmartOS™
Firmware In- Field Upgradeable	Yes
Systems / Standards	USB 2.0 Full Speed, CCID, Microsoft® WHQL

Picture



Shenzhen HCC Technology Co., Ltd.

 Address: Rm. 306, 3/F, Bldg. 6, Changyuan New Material Port, No. 2 Gaoxin C. 1st Ave., Yuehai St., Nanshan Dist., Shenzhen, P.R.China
 Post Code: 518057 Tel: 86-755-86655162 Fax: 86-755-8606-9640 Web: www.szhcct.com