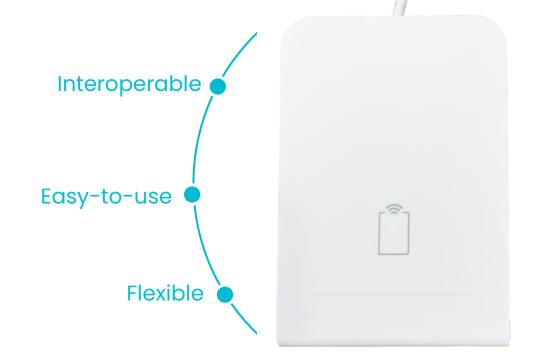


CIR615A

Contactless Smart Card Reader with Keyboard Emulation

CIR615A is a Human Interface Device (HID) built-in with keyboard emulation functions that reads the Unique Identification Number (UID)¹ or Card Serial Number (CSN) or Manufacture ID (IDm) of 13.56MHz contactless card or tag and displays it at the cursor of the host application directly, such as Word/ Excel, e-mail, instant massager, etc, without driver installation. This default configuration can be modified via the software. Besides, CIR615A supports CCID standard suitable for normal desktop PC/SC applications.

- Supports ISO/IEC 14443, ISO/IEC 18092 and ISO/IEC 15693 standards
- Supports ISO/IEC 14443-4 Type A & B cards, ISO/IEC 15693-3 cards, MIFARE[®] series, FeliCa, J-LIS cards, Calypso and NFC Forum Type 1/2/3/4/5 Tags
- Supports 1 x ISO/IEC 7816 Part 3/4 SAM slot (Optional)
- Supports extended APDU
- Complies with CCID and HID standard
- Conforms to PC/SC specifications
- Firmware upgradable
- Works on different operating systems
- Optional connector types: USB A or USB C
- A transparent card holder is included

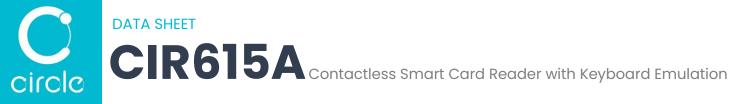


Accessories

- Card Holder (Removeable)
- Reader Stand (Add-ons)







Contactless Smart Card Interface		Human Interface	
Standard	ISO/IEC 14443, ISO/IEC 18092, ISO/IEC 15693	LED	2 LEDs: 1 Blue (Operation Status), 1 Green (Power)
Protocol	T=CL (translated to T=1 for PC/SC compliance)	Buzzer	Monotone
Operating Frequency	13.56 Mhz	Software and Driver	
Supported Card Types	ISO/IEC 14443-4 Type A & B Cards, ISO/IEC 15693-3 Cards,	Firmware Upgradeable	Support, via USB
	MIFARE® series: Classic/ Plus/ Ultralight/ Ultralight C/ DESFire/	Driver	CCID, HID
	DESFire EV1/ DESFire EV2, etc, FeliCa (Standard/ Lite/ Plug),	Application Programming	PC/SC
	Calypso, J-LIS Cards, NFC Forum Type 1/2/3/4/5 Tags	Interface (API)	
Speed	106/ 212/ 424/ 848 kbps (Default: 424 kbps)	Operating Conditions	
Reading Distance	Up to 50 mm (depending on tag type)	Operating Temperature	-10 °C – 70 °C
Extended APDU	Support	Operating Humidity	Max. 95% (non-condensing)
SAM Card Interface		Storage Temperature	-20 °C − 70 °C
Standard	ISO/IEC 7816 Part 3/4	Meantime Between Failure	600,000 hours
Protocol	T=0, T=1	(MTBF)	
Supported Card Types	ISO/IEC 7816 Class A (5V) cards	Compliance/ Certifications	
Supported Card Size	ID-000 (SIM size)	Standards/ Systems	ISO/IEC 14443, ISO/IEC 18092, ISO/IEC 15693,
Speed	9.6 – 125 kbps		ISO/IEC 7816 (SAM slot), USB 2.0 Full Speed, CCID, HID,
Clock Frequency	4.0 MHz		Microsoft® WHQL
Physical Characteristics		Regulatory/ Environmental	EN 62368, BSEN 62368, CE, FCC, UKCA, VCCI, MIC, RoHS3,
Dimensions	With Card Holder: 101.6 mm (L) 72.1 mm (W) x 12.9 mm (H);		REACH
	Without Card Holder: 100.0 mm (L) x 68.0 mm (W) x 11.0 mm (H)	Operational Environment	
Weight	89.0 g (± 5 g)	Supported Operating	Windows® 7 SP1 and above, Linux®,
Casing	Reader: White and Grey ABS; Card Holder: Transparent ABS	Systems	macOS® 10.12 and above, Android™ 6.0 and above
Host Interface		Ordering Information	
Power Supply	USB Bus-powered	Product Code	CIR615A-01: USB Type A Connector, with SAM slot
Current Consumption	<250 mA (Operating); <50 mA (Standby)		(Standard)
USB Standard	USB 2.0 Full Speed (12 Mbps)		CIR615A-02: USB Type A Connector, without SAM slot
USB Connector Type	Default: Type A; Optional: Type C		CIR615A-03: USB Type C Connector, with SAM slot
			CIR615A-04: USB Type C Connector, without SAM slot
USB Cable	lm		
USB Cable	lm	Accessory	Transparent Card Holder 10-100150: Reader Stand (Add-ons)

¹ The UID of ISO/IEC 14443-4 Type B card is not constant.