



# User Manual

## SmartCard Reader

**Model:D8**

**FCC ID: 2ASFMD8**



D8 is a IC card reader/writer which supports card slot with 4 SIM card. The non-driver USB benefits user's installation and operation. It facilitates communication with PC and related devices through USB interface. Plus, it designed for those filed which need more security requirements like card issues. With various of platform's driver kits, supplementary demonstrate program can do all RFIC functions. Moreover, it's equipped with auto-testing card operation.

D8 reader is a necessary front-end device for IC card development and system integration. With its' rich and perfect interface functions, D8 is available for using in smart card management and applications systems of charging , storingvalue and query :industry and commerce, telecommunications, postal. taxation, bank, insurance, medical, meeting attendance, Internet cafe management and car parks...

## Specifications



Name	SmartCard Reader	
Processor	32bit CPU	
Indicator Light	4 LED indicate light, indicate power supply or communication status.	
Press Key	Access external password keyboard	
Voice	Support voice broadcast (can be customized)	
Buzzer	Support	
Communication Interface	USB/RS232	
Contact Card	Support one ISO/IEC 7816 IC card	
Contact-less Card	Support ISO14443 Type A/B inductive IC card ; Support Type A / B;	
SAM Card Slot	4	
Power Supply	DC 5V, with over-voltage protection	
Real-time Clock	Support built-in clock	
Operating systems	Support Windows 98、Me、2K、XP、2003、Unix、Linux	
Encryption Mode	Encryption mode	Hardware/Software Encryption
	Encryption algorithm	DES、3DES、RSA
Working Environment	Temperature: -20°C ~ 60°C	
	Humidity: 5% ~ 95% (non-condensing)	
Storage Environment	Temperature: -20°C ~ 60°C	
	Humidity: 5% ~ 95% (non-condensing)	
Others	Provide function library of universal interface; Support various of operating system and language development platform; Online upgrading is available.	



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FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.