Mini Card Reader DCR35

General

For high security in demanding corporate environments, HCCTG offers a number of solutions, ranging from desktop smart card readers to mobile smart card tokens that can be used with a variety of smart card-technology based credentials.

DCR35 offers users secure mobility for mobile desktop applications in PC connected mode and a contactless smart card token in autonomous mode for a host of contactless applications. DCR35 enable strong two-factor authentication, combining something users have — the token — with something they know — their PIN code.

Depending on the type of smart card chosen, the DCR35 Standard can be used for logging on to a PC, signing and encrypting documents or emails, and authenticating to secure web sites or the user's company's virtual private network (VPN). If a dual interface card is used, the token can double up as a contactless credential that can be used for physical access to buildings, contactless electronic payments, and contactless electronic ticketing for transportation and events.

Features

- Slim,elegant
- Design id-000 credential
- contactless smart card
- Token *USB 2.0 host interface
- USB CCID compliant
- Smartos™ powered

Specification

Host Interface	USB 2.0 full speed (12 Mbps)
Smart Card Interface	
Supported Standards	ISO/IEC 7816 Part 1 to 4
Supported Tag ICs	All major ISO/IEC 7816 compliant Smart Card IC support
Smart Card Protocols	T=0, T=1
Smart Card Interface Speed	Up to 600 kbps (depending on card) TA1=97
Smart Card Clock Frequency	ISO/IEC 7816 compliant; Operates up to 4.8 MHz

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Supported Smart Card Types	5V, 3V and 1.8V, ISO/IEC 7816 Class A/B/C
Power to Smart Card	60mA in Class A; 55mA in Class B; 35mA in Class C
Smart Card Detection	Automatic power on/off Short circuit protection
Card Size	ID-000 (SIM size)
Contact Type	Sliding Contact Socket (8 pin)
Contactless	Built-in antenna connected to C4 and C8 of smart card modules Accepts dual interface “Plug in Type” cards in ID-000 (SIM) format ISO 14443
Driver and Software	
Power Supply	Bus-powered USB
Power Consumption	<20 mA with standard smart; <500 µA in Standby Mode
Dimensions	49 x 18.3 x 13 mm
Weight	9g
Operating Temperature Range	0° to 50° C (32° to 122° F)
Storage Temperature Range	-20° to 60°C (-4° to 140° F)
Operating Humidity Range	Up to 95% RH non-condensing
Connector	USB Type A Connector
Status Indicator	Green LED
Firmware	CCID
Firmware In-Field Upgradeable	No
Certifications and Compliances	
Systems/Standards	ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® WHQL

Picture



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