



MCR35V2 Plus Motor Driven Hybrid Card Reader

Feature

- 3.5" floppy size
- 3-in-1 Hybrid smart/memory/magnetic card reader
- Motor driven
- IC card landing contact
- Eject Button
- RS-232 interface (TTL level optional)
- Operation responded by LED & buzzer
- Low quiescent current in power saving mode
- PC/SC standard (Pass the six test cards provided by Microsoft's Scard99 V3.10)
- Plug & play installation for Microsoft Windows
- Drivers, demo programs and libraries for Microsoft Windows, CE and Linux

Specification

Item	Content
Smart card standard	ISO 7816 T=0,T=1 (JAVA card suitable) (R/W)
Memory card standard	SLE 4428/4418, SLE 4442/4432, GPM 8K/2K (R/W), ST14C02C, German Health Card (Krankenkassen), GFM32K (R/W)
Magnetic card standard	ISO 7811 (read only)
Baud rate	115200, n, 8, 1
Plug & play	External COM device spec. V1.0
Card bent limitation	3.0 mm of the card long side 1.0 mm of the card short side
Power	DC 5V ± 5%, 0.1A and DC 12V ± 5%, 0.5A
Operation temperature	-10 ~ 50°C
Life	100, 000 passes
PC/SC	V1.0
Driver and demo program	Microsoft Windows 98, ME, NT40 (SP5), 2000, XP, CE 3.x
Libraries	DLL and OCX for Windows and C-language library for Windows CE 3.x and Linux

Model description:

Mode No.	IC Card		Magnetic Card			Eject Button
	Smart Card	Memory Card	Track1	Track2	Track3	
MCR35V2-SM33E	●	●	●	●	●	●
MCR35V2-SM00E	●	●				●
*MCR35V2-0033E			●	●	●	●

Note: '*' Star mark for Non-PC/SC

Appendix A

Understanding PC/SC:

The PC/SC workgroup is a joint of Bull, Gemplus, Hewlett-Packard, Intel, Microsoft, Schlumberger, Siemens, Sun Microsystems, Toshiba. They develop a specification for Smart Card (Integrated Circuit Card- ICC, IC card or CPU card) technology to be utilized in the PC environment, including hardware and software. The PC/SC Specifications 1.0 is released in 1997 and then Microsoft released its Smart Card Base Components V1.0 and SDK. The next update, PC/SC Specifications 2.0, will be available to the public in the spring of 2000. More Information, see

<http://www.pcscworkgroup.com/>

http://msdn.microsoft.com/library/psdk/scard/scovr_00dl.htm

MSDN: Content (Page)/MSDN Library/Platform SDK/Security/Smart Card.

Microsoft Smart Card Base Components V1.0:

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