



PRODUCT SELECTION GUIDE

ACR38 Series Smart Card Reader/Writer

The ACR38 smart card reader/writer series is a line of **USB full speed** devices. This series is designed for the PC environment, and is the ultimate smart card peripheral for a PC. ACR38 is a key partner of the PC as the smart card is becoming an essential component in network security and electronic payment system.



Product Code	ACR38U-BMC	ACR38U	ACR38U-CCID	ACM38	ACR38F	ACR38K	ACR38T	ACR38DT	ACR38ET
Form Factor	Full-sized card reader	Full-sized card reader	Full-sized card reader	Module	Floppy Bay	Keyboard	USB Key	USB Key	USB Key
Host Interface									
USB (12Mbps)	●	●	●	●	●	●	●	●	●
Connectors									
Contact	● (default)	● (default)	● (default)			●			
Sliding	On request	On request	On request	●	●		●	●	●
Landing	On request	On request	On request	●					
Supported Smart Cards									
ISO 7816-1/2/3	●	●	●	●	●	●	●	●	●
T=0, T=1	●	●	●	●	●	●	●	●	●
Memory cards *	●	●	●	●	●	●	●	●	●
5V, 3V and 1.8V cards	●	●	●	●	●	●	●	●	●
Card form factor	Full-sized	Full-sized	Full-sized	Full-sized	Full-sized	Full-sized	SIM-sized (contact)	SIM-sized (contact or combi)	SIM-sized (contact)
Optional SAM Slot		●		●	●				
Compliance & Certification									
ISO 7816-1/2/3	●	●	●	●	●	●	●	●	●
WHQL, PC/SC	●	●	●	●	●	●	●	●	●
CE, FCC	●	●	●	●	●	●	●	●	●
EMV 2000 v4.0 Level 1	●	●	●	●	●	●	●	●	●
RoHS	●	●	●	●	●	On request	●	●	●
Supported OS Platforms									
WIN	●	●	●	●	●	●	●	●	●
98/ME/2K/2K3/XP/NT4	●	●	●	●	●	●	●	●	●
Linux	●	●	●	●	●	●	●	●	●
MAC OSX 10.1/2/3	●	●	●	●	●	●	●	●	●

* Memory cards supported:

- Cards following the I2C bus protocol (free memory cards) such as: *Atmel*: AT24C01 / 02 / 04 / 08 / 16 / 32 / 64 / 128 / 256 / 512 / 1024, *SGS-Thomson*: ST14C02C, ST14C04C, *Gemplus*: GFM1K, GFM2K, GFM4K, GFM8K
- SLE4432/4442 intelligent 256 bytes EEPROM with write protect function: SLE4432, SLE4442
- SLE4418/4428 intelligent 1K bytes EEPROM with write-protect function: SLE4418, SLE4428
- Secure memory cards such as: AT88SC153, AT88SC1608