Advanced Card Systems Ltd.

PRODUCT SELECTION GUIDE

PC-LINKED READERS

ACR30 and ACR38 are ACS flagship products under the line "PC-Linked readers". Versatile and speedy readers, they are suitable for desktop applications, windows logon, e-purse, home banking, vending machines, etc., offering an efficient solution to solution providers and system integrators at an affordable price.

Product Code	ACR30	ACR38
Reader-PC Interface	USB or Serial RS-232	USB
Reader-PC Interface Communication Speed		
USB	1.5 Mbps	12 Mbps
Serial	●	
Certifications and Standards		
CE	●	●
FCC	●	●
EMV Level 1*	●	●
CCID an option		●
Supported OS Platforms		
Windows 98/ME/2000/XP	●	●
Windows NT 4.0		●
MAC	OS 10.1	All OS X
Linux	Kernel ≤ 2.4	●
Supported Smart Cards		
ISO 7816-1/2/3	●	●
T=0, T=1	●	●
SLE 4406/4436/5536	On request	On request
SLE 4418,4428, 4432, 4442	●	●
I2C (1k – 16k bits) **	●	●
I2C (1k – 1024k bits) ***		●
AT88SC1608, AT88SC153		●
Smart Card Support		
Card Voltage 5V	●	●
Card Voltage 3V		●
Card Voltage 1.8V		●
Smart card <-> Reader speed	9,600 – 96,000 bps	1,743 – 250,000 bps
SAM ****	●	●

- ACR38 has acquired EMV 2000 Level 1 and ACR30 has EMV 96 Level 1 certification.

- ** Cards following the I2C bus protocol (free memory cards) such as:
  Atmel: AT24C01, AT24C02, AT24C04, AT24C08, AT24C16
  SGS-Thomson: ST14C02C, ST14C04C
  Gemplus: GFM1K, GFM2K, GFM4K, GFM8K

- *** 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

- **** SAM interface: On request