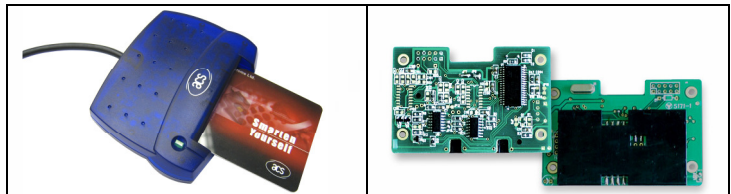## PRODUCT SELECTION GUIDE

## ACR30 Series
## Smart Card Reader/Writer

The ACR30 series is a line of smart card reading/writing devices for the communication between a computer (for example, a PC) and a smart card. The choices of RS-232 serial interface or USB interface offer a simple solution for applications for embedded system environments (e.g. phone booths, vending machines, etc.) as well as the PC environment.

| Product Code | ACR30 | ACM30 |
|---|---|---|
| **Form Factor** | Full-sized card reader | Module |
| | | |
| **Host Interface (Serial or USB)** | | |
| Serial (RS-232: 9600 – 115200 bps) | ● | ● |
| USB (1.5Mbps) | ● | ● |
| | | |
| **Connectors** | | |
| Contact | ● (Default) | ● (Default) |
| Sliding | Upon Request | Upon Request |
| Landing | Upon Request | Upon Request |
| | | |
| **Supported Smart Cards** | | ● |
| ISO 7816-1/2/3 | ● | ● |
| T=0, T=1 | ● | ● |
| Memory cards * | ● | ● |
| 5V and 3V cards | ● | ● |
| Card form factor | Full-sized | Full-sized |
| | | |
| **Optional SAM Slot** | ● | ● |
| | | |
| **Compliance & Certification** | | ● |
| ISO 7816-1/2/3 | ● | ● |
| WHQL, PC/SC | ● | ● |
| CE, FCC | ● | ● |
| EMV Level 1 | Upon Request | Upon Request |
| | | |
| **Supported OS Platforms** | | |
| Windows 98/ME/2000/XP/ NT 4.0 | ● | ● |
| Linux | ● | ● |

* Memory cards supported:

- '104' type EEPROM non-reloadable token counter cards, including: GPM103, ST1305, SLE4406, SLE4436 (on request), SLE5536 (on request)

- 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

- SLE4432/4442 intelligent 256 bytes EEPROM with write protect function: SLE4432, SLE4442

- SLE4418/4428 intelligent 1K bytes EEPROM with write-protect function: SLE4418, SLE4428