

Readers : ECF30



ECF30 Floppy Bay Smart Card Reader

The ECF30 is the ideal solution for easy integration of a smart card reader/writer into the desktop environment. It uses the same module as the ACR30, and has the same versatility and cost-effectiveness that have always been associated with EDC smart card readers. Available in both USB and RS-232 serial interface, it uses the PC's internal power supply, and can be configured in several ways to suit the customer's preference.

Standard features for the ECF30 reader series:

- :: ISO 7816-1/2/3 and PC/SC Compliant
- :: Certified by CE, FCC, and Microsoft WHQL
- :: Read and write ALL microcontroller cards with T=0 and T=1 protocols
- :: Read and write the popular memory card types in the market:
 - o Siemens: SLE4406, SLE4418, SLE4428, SLE4432, SLE4442
 - o Atmel: AT88SC06, AT24C01-16
 - o STMicroelectronics: ST1305, ST14C02C, ST14C04C

Note: Card manufacturers using the above-mentioned chips may have different names for their cards. These cards are likewise supported by ACF30. Examples are:

- Gemplus: GPM103, GFM2K, GFM4K, GPM2K, GPM8K
- Schlumberger: Primeflex Store 2K/8K, Open 2K/4k

- :: Interface library for efficient PC application software development
 - o 32-bit DLL files for Windows 95, 98, Me, NT and 2000
 - o PC/SC compliant IFD handler
- :: Compatible with most PC platforms: Windows 95, 98, Me, NT and 2000, Linux

Technical Specifications:

Interface	RS-232 (Serial) or USB
Supply Voltage	Regulated 5V DC
Supply Current	< 100mA (without smart card)
Operating Temperature	0 - 50 C
CLK frequency	3.68 / 4 MHz
Standards / Certifications	ISO 7816-1/2/3, PC/SC, CE, FCC
Operating System Support	Windows 95, 98, Me, NT and 2000, Linux