

the plastic card specialists

# ACR30 ChipGear Reader



The ACR30 is a high performance, economical, single chip reader that supports all major PC platforms and is perfect for large-scale retail distribution for e-commerce, information security, access control, identification, and other smartcard-related applications. It is available with a Serial or USB interface, and can be customized for a variety of casing types and colors.

The ACR30 is also available in modular form making it an ideal solution for integration into payphones, parking meters, vending machines, laundries, gaming machines, ATM's, handheld readers, personalization equipment and more.

#### Features

- ISO 7816 –1/2/3 and PC/SC Compliant
- Certified by CE, FCC, EMV, and Microsoft WHQL
- Interface library for efficient PC application software development
- 32-bit DLL files for Windows 95, 98, ME, NT, 2000 and XP
- PC/SC compliant IFD handler
- Compatible with most PC platforms: Windows 98, Me, NT, 2000, XP, Linux, and Mac
- Read and write all microcontroller cards with T=0 and T=1 protocols
- Read and write most popular memory cards: SLE 4406, SLE 4418, SLE 4428, SLE 4442, AT24C02 – 16, ST 1305, ST 1402C, ST14C04C
- Additional SAM slot option

#### Development Tools

The ACR30 can be purchased with a variety of development toolkits to match your smartcard requirements. These include memory card toolkits as well as microcontroller card toolkits for Basic-Card, Java and Multos.

#### Customizable

From simple OEM branding, to changes in casing color and design, the ACR30 can be easily customized to meet your requirements and preferences.

#### Economical

Employing a single chip architecture, the ACR30 is one of the most economical smartcard reader writers in the market today. And as the most popular reader/writer in the ChipGear™ family, great pricing comes with a proven track record.

High performance and good looks combine to make the ACR30 the most popular reader/writer in the ChipGear™ lineup...

A great choice for large-scale commercial projects involving Banking, the Internet, or Security.

#### Technical Specifications

- RS-232 (Serial or USB)
- Supply Voltage: Regulated 5 VDC
- Supply Current: <100mA (without smartcard)
- Operating Temp: 0-50 °C
- CLK frequency: 3.68/4 MHz
- Standards / Certifications: ISO 7816-1/2/3  
PC/SC, CE, FCC, NETS, EMV

#### Operating System Support:

Windows 98, Me, NT, 2000, XP, Linux and Mac