Smart Card Reader-Contact

Introduction

RT01A is a reliable and effective PC-LINK smart card reader/writer with a full speed USB interface for the communication between a computer and a smart card.

RT01A is PCSC compliant and works with all major ISO7816 smart cards in ID 1 format. With its proven design and a fold-out stand foot, the reader is suitable for a wide range of applications.

RT01A can be adopted in smart card-based applications, suck as e-Banking, e-Government, e-Payment, access control, network security and more.

Technical Specification

USB Interface

Type.. USB full speed, four lines: +5V, GND, D+ and DPower

Source.. .... From USB

Cable length................................. .... 1.5m

Smart Card Interface

Standard.. ISO 7816 1/2/3, T=0 and T=1

Supply current .... max. 50mA

Smart card read / write speed ....9,600 –305,200 bps

Short circuit protection .... +5V / GND on all pins

The presence of the smart card power supply voltage is indicated through a green LED on the reader

CLK frequency.. 4 MHz

Card connector...................................... sliding contacts (8 contacts)

Card insertion cycles .... min. 100,000

Operating Conditions

Temperature.. 0 - 50° C

Humidity.. 40% - 80%

Standard/Certifications

EMV Level 1, ISO7816-1/2/3, PC/SC, CE, FCC

OS

Windows 98, ME, 2K, XP, Linux

OEM

OEM-Logo possible, customer-specific colors, casing, and card connector