

HYBRID Card Reader USB Interface – VK5210 series

Features

- USB Interface
- **Swipe and Insert** solution
Swipe Read Magnetic Card
/ Insert Read /Write IC card
- EMV level 1 compliant
- Use Microsoft CCID native driver
- Support PC/SC driver for Windows
- Driver and utility are provided



Application

- P.O.S.
- Banking & Payment
- E-Commerce
- Security & Identification, Access Control

Specification - 1

Standard :

- ISO 7811, ANSI, AAMVA, CA DMV
- ISO7816, EMV, GSM, PC/SC, and WHQL
- CCID specifications
- USB specification

Host Interface :

- Full speed USB 1.1 / 2.0 with CCID protocol

Host Connector :

- USB type A

Smart Card Interface :

- Automatic recognize and access 5V/3V/1.8V (Class A, B, C) smart card
- Short-circuit protection
- Reads from and Writes to all ISO7816-1/2/3 microprocessor cards, T=0 and T=1
- Wide range communication baud rate up to 11.625 clock pulses (D=32/F=372)

Specification - 2

Smart Card Connector :

- 8 frictions contacts – ISO location, Landing Contact
- 300,000 insertion cycles
- EMV level 1 mechanically compliant
- Embossed smart cards supported

Magnetic Card :

- Magnetic Head Life : 500,000 passes
- Card Types : ISO, ANSI, AAMVA, CA DMV (300~4000Oe)
- Read Speed Range : 4 ~ 55 ips

LED indicator

Supported PC/SC Driver :

- Windows 98, ME, 2000, XP
- Others supported upon request (MacOS X, WinCE.Net, Linux)

Dimension (L*W*H) :

- 110 x 37 x 44 (mm)

Cable Length :

- 1500 (mm)

Environmental Performances :

- Operating temperature : +0°C to +65°C
- Storage temperature : -25°C to +70°C