

VHBR

Smartcard Reader

DE-620V

DE-620V is a high-speed USB-based dual interface smart card reader/writer supporting VHBR (Very High Bitrates) reader/writer. It supports communication speed up to 6.8Mbit/s and handling frame size up to 4KByte.



Application

e-ID / e-Passport
e-Healthcare System

Features

- Increase communication speed
 - Increase the bit rates
 - Increase the frame sizes



- Reduction of transaction time

Specifications

CPU	Cortex
Program/ Data Memory	256K Bytes Flash / 48K Bytes SRAM
Data Interface	USB 2.0 High speed
Contactless Communication	ISO-14443 A&B (VHBR) my-d, Mifare, ISO15693
Contactless Speed	106/212/424/848kbps, 1.7/3.4/6.8Mbps
Reading Distance	Max. 5cm
Contact Card Interface	ID 1 type x 1ea (ISO7816, T=0, T=1)
Display	2 Status LED
Buzzer	Magnetic Buzzer
Input Power	DC5V, 300mA (USB Power)
Dimension	68 x 120 x 30 mm
Housing Material	ABS
Operating Temperature	-10 ~ 60 °C / Contrary humidity: 20% ~ 90%