USB9540D-NS (Smart Card Reader module)

The USB9540D-NS single smart card reader module is designed for securing network access, The reader is suitable for Embedded system with USB 5pin standard header connecter.

USB9540D-NS can be generally applied to Smart Card read/write terminal device, such as ATM, POS terminal, Public telephone, E-Commerce, personal consumption on Internet, personal certification, prepay system, loyalty system…etc.

Specification

- Support EMV Level 1 specification
- Support USB 2.0 full speed
- Based on ISO7816 implementation
- Support PC Smart Card industry standard – PC/SC 2.0
- Support Microsoft Smart Card for Windows
- Meet Microsoft WHQL USB Smart Card Reader requirements
- Meet US Federal Information Processing Standards (FIPS) Publication 201 requirements on smart card reader interoperability
- Support T0, T1 protocol
- Support I2C memory card, SLE4418, SLE4428, SLE4432, SLE4442, SLE4436, SLE5536, SLE6636, AT88SC1608, AT45D041 card and AT45DB041 card via external EEPROM
- Support ISO7816 Class A, B and C (5V/3V/1.8V) card
- Implemented as an USB full speed device with bulk transfer endpoint, Mass Storage endpoint
- Built-in PLL for USB and Smart Card clocks requirement
- Support EEPROM for USB descriptors customization (PID/VID/ iManufacturer/ iProduct/Serial Number), Direct Web Page Link, and accessing memory card module.
- EEPROM programmable via USB interface
- Support software update for memory card module
- Support Direct Web Page Link via configuration in external EEPROM
- Support short APDU and extended APDU
- Compatible with Microsoft USB-CCID driver
- Support remote wake up through inserting card/removing card
- Support USB selective suspend
- Support Power Saving Mode (Using one pin to select between Normal/PWR Saving Mode)
- Access LED

USB9540D-NS

Single Smart card reader

Bplus Tech
Professional I/O adapter provider

Function

System Requirements
Windows XP/Vista/7/8/8.1/Server 2008, Linux, android
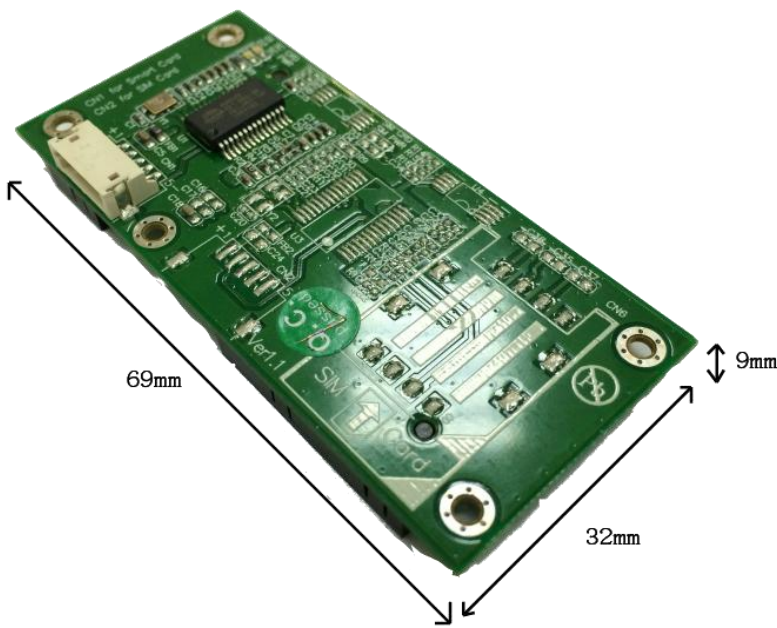
Dimension & Weight
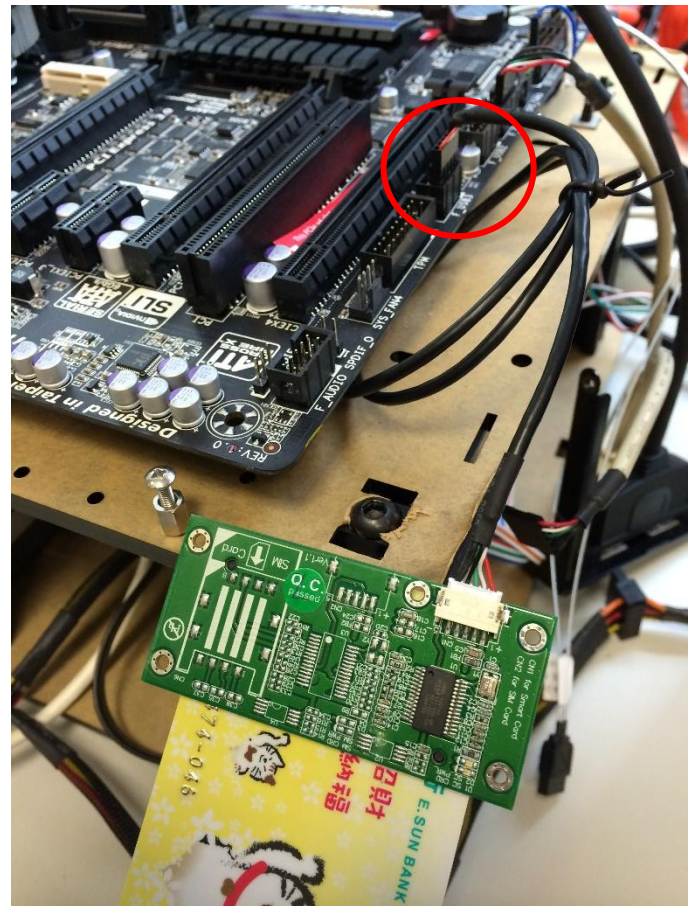69mm X 32mm X 9mm ; 12.5g

Certifiction
RoHS

Operating Temperature
0 ~ 70℃

Dimension

Use Case

69mm

32mm

9mm

USB9540D-NS Package Contents

USB9540D-NS

(Smart Card Reader module) x1

Y02-USB-099

(USB Dupont to 5PIN Cable) x1