



Smart Card Reader

USB, Contact Reader, External

Part No.: [172844](#)

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Improve secured data and access protection.

Smart card technology finds popular applications in security and access control, financial transactions, medical records, loyalty programs, toll and vending collection, enterprise and single-user network sign-on and more that require secure information exchanges. Contact smart cards have a contact, or "chip," area with several contact pads that, when inserted into a Manhattan Smart Card Reader, can authenticate the user and safely transfer information between the card and host computer. Smart cards are utilized extensively in Europe and Asia, and the use of smart cards is growing in North and South America, replacing less secure and less reliable barcode ID and magnetic stripe cards to provide flexible and standard transactions and strong, tamper-resistant authentication with minimal human intervention.

Quick and Easy Installation

Ideal for desktop and notebook computers without built-in readers, the Manhattan Smart Card Reader is easily installed using any USB port and the included software and driver CD. Plug and play with Windows compatibility, it requires no external power supply or cables for a simple USB connection.

Features:

- Compatible with friction-type, contact smart cards
- Ideal for transactions and applications requiring secure information exchanges
- Supports host communication speeds up to 12 Mbps
- Plug and play — installs quickly and easily
- LED power and activity indicator: dual color, red/green
- Lifetime Warranty

Specifications:

- CPU card: meets ISO 7816-1, 2, 3, 4 (supports T=0 and T=1 protocols), PC/SC version

1.0 standard and EMV L1 (version 2000)

- Memory card: synchronous 2-line, 3-line and I2C interface
- Connection(s): USB 1.1
- PC/SC compliant, CT-API software library (SDK)
- LED power and activity indicator: dual color, red/green
- Housing material: ABS; UL94V-0
- Power: voltage, USB 5 V + 5 %; consumption, 60 mA maximum
- Durability, cycles: IC card, 200,000
- Temperatures (°C): operation temperature, 0 – 50; storage, -35 – 70
- Windows 98/Me/2000/NT 4.0/XP/CE/Vista/7/8 and Linux compatible
- USB cable, 1.2 m (4 ft.) included
- 115 g (4 oz.)
- CD includes drivers, API library and demonstration program with source code



