

# Kimaldi SC42 reader

Smart cards Reader/writer



- > RS-232 connectivity
- > Compatible with SLE4442 and SLE5542 cards
- > Small dimension
- > Other devices connectivity
- > On-line and off-line functionality



### Kimaldi Electronics' advantages

Kimaldi Electronics designs, manufactures and deliver high quality products with a competitive price, person's identification, access control, attendance control, production control and person traceability.

Experience and know-how acquired in I+D and manufacturing let us to offer a high knowledge to our customers and advice them about the best solution to their needs.

For all those reasons, our customers take benefit from next advantages:

- We offer a personal well-treated and a commitment with our customers
- A wide range of products, high quality and competitive price
- We are experts giving solutions. Our customers have the use of technical advice, before the sell and also after the sell, helping them to choose the technology and the most suitable product to the needs of each project
- We make modifications on the range products, both our manufactured products and the ones we deliver, to adapt them to the needs of the project

### Description

Kimaldi's SC42 device is a smart card reader/writer, compatible with SLE4442 and SLE5542 cards of 256 bytes and with RS-232 connectivity.

It has RS-232 communication interface with the host and with possibility of connection to a smart cards printer, motorized readers or feeders with smart contacts.

### On-line and off-line way to work

- > **On-line functionality** is controlled by commands, from a host, all the system resources
- > **Off-line functionality** can read memory from the smart card just inserting it. Reading direction and data length are configurable.
- > The host communication protocol can be programmed by ASCII commands, so is compatible with all programming environments.
- > SC42 reader/writer is available in two models:
  - Desktop Plastic case
  - Stainless steel for access control integration

### Typical applications

- > PC safety or a personal network environment
- > Safety identifications for bank employees and customers
- > Safety for computerized medical systems
- > Time&Attendance control
- > Access control
- > Electronic payment systems
- > Resources control: printers, photocopiers,
- > Other areas where the user authentication is need.

### Technical specifications

Card insertion	Manual, chip contacts landing type
Card	Smart card with 256 bytes storage (Siemens SLE4442 and SLE5542)
Connectors	RS-232 to PC
Power supply	5 VDC – Transformer is delivered
Dimension	86 x 43 x 100 mm (high x wide x deep)
Weight	150 gr. aprox.

