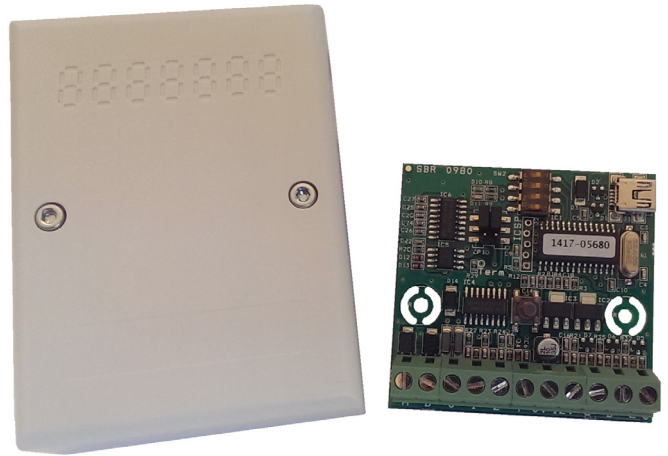


Chameleon Converter™ SBR 0981

Protocol converter with USB, RS232/RS485 and Wiegand or Clock/Data interface



Functional description

Design to work as the Swiss army knife of protocol conversion the Chameleon Converter™ can interface to all the commonly used interfaces in access control and intrusion detection system.

USB Device (2.0) interface for connection to a pc, server or high level controller/PLC.

3 x Wiegand or Clock/Data input (5 v TTL) and 3 x Wiegand or Clock/Data output (5v TTL).

Serial port with RS232 interface _OR_ RS485 interface (Half duplex).

Product versions

SBR 0981 BOX	Chameleon Converter™ with enclosure
SBR 0981 PCB	Chameleon Converter™ PCB only with self-adhesive mounting studs
SBR 0981 LB	Chameleon Converter™ with double width enclosure

How to order

When ordering a card reader please specify: product number & configuration in the following manor:

Product	SBR 0981	Chameleon Converter™
Configuration	SBR 0981 SFN	Program ID: x,
	SBR 0981 FW	Firmware: 1.xx, 3.xx or 4.xx

Selecting data format

The firmware in the Chameleon Converter™ allows for different functionalities depending on the program ID selected using the DIP switch.

Functionalities are grouped in different firmware's depending the primary interface used.

If a custom firmware is required please contact: sales@securityengineering.dk

On site configuration requires seucu.exe software, which is freely downloadable from www.securityengineering.dk.

Visual indication

The Chameleon Converter™ and multiple LED's for visual indication.

At power on both the Red and Green LED will illuminate to indicate correct initialization.

On connection of USB port the LED sequence **red -> red/green -> green** indicates correct initialization.

Transmission of data is indicated with a green flash.

Errors in the received data is indicated with a double red flash.

Firmware

The Chameleon Converter™ can be firmware updated in field using the seufu.exe utility, which is freely downloadable from www.securityengineering.dk.

Standard firmware supports Wiegand to Clock/Data, Clock/Data to Wiegand or RS 232 to Wiegand.

Alternative firmware is available with USB CDC – Communication Device Class for COM-port emulation.

Data

Dimensions	Enclosure 88 x 65 x 28 mm (L x W x H) / PCB 55 x 55 mm
Color	White
Connection	11 way screw terminal with cable cage & mini USB B Connector
Commodity code	8471
Country of Origin	DK
ECCN code (US)	N
Export list number (EU)	N