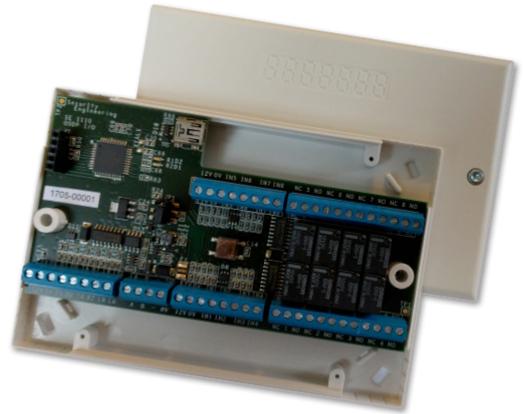


OSDP™ I/O Module SE 1110

Wiegand Reader I/O, 8 x Input,
8 x Relay Output



Functional description

The OSDP™ I/O Module allows you to add extra inputs or relay outputs to an OSDP™ compatible controller.

A complete Wiegand or Clock/Data interface is also available to connect a legacy card reader and/or PIN pad to an OSDP™ based system.

Common use cases would be elevator control for multiple floors or conversion of legacy access control systems to an OSDP™ based infrastructure.

The OSDP™ I/O Module has the following interfaces:

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

3 x Wiegand or Clock/Data inputs (5 V TTL) D0, D1 and Tamper

3 x Wiegand or Clock/Data outputs (5 V TTL) Red LED, Green LED and Buzzer.

1 x Reader power output 12V / 400mA (Shared with I/O power outputs)

1 x RS485 interface (Half duplex) for OSDP™ bus connection.

8 x Digital inputs, Active low.

8 x Digital outputs with dry contact form C relays (NC, COM, NO)

2 x Auxiliary power output 12V / 400mA (Shared with reader power output)

Product versions

SE 1110

OSDP™ I/O Module

How to order

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

Configuration	SE 1110 SFN	Format ID: xx , Address: yy, Speed: 9600, 19200 or 38400
Configuration	SE 1110 FW	Firmware: 1.xx - OSDP™ firmware

Selecting program

The firmware in the OSDP™ I/O Module allows for different functionalities depending on the program ID selected using the seucu.exe configuration software tool.

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 OSDP™ I/O Module has two LED's for visual indication.

At power on both the Red and Green LED will illuminate to indicate correct initialization after which they will turn off.

When using the USB connection both LEDs will be permanently on to indicate bootloader mode.

The green LED will flash with communication on the RS485 bus.

Data received on the Wiegand or Clock/data port be indicated with a short flash on the red LED.

Firmware

The OSDP™ I/O Module can be firmware updated in field using the seufu.exe utility, which is freely downloadable from www.securityengineering.dk.

Standard firmware supports OSDP™ with Wiegand or OSDP™ with Clock/Data.

Firmware for other RS485 bus protocols can be made on request.

Data

Dimensions	Enclosure 88 x 131 x 28 mm (L x W x H) / PCB 125 x 66 mm
Color	White
Connection	Screw terminal with cable cage & miniUSB B Connector
Power input	12-30V DC / 70mA @ 24V DC (All relays on but no external load)
Power output	12V / 400mA
Relay load	1A @ 30V DC
Commodity code	8471
Country of Origin	DK
ECCN code (US)	N
Export list number (EU)	N