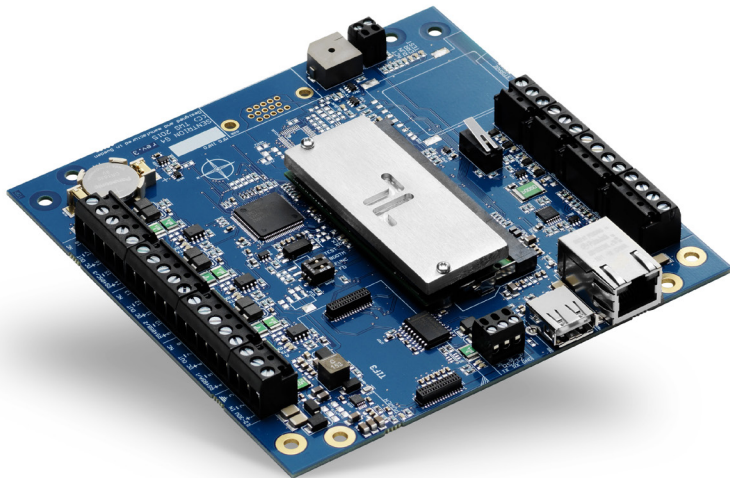


#### SENTRION S4



#### MAIN FEATURES

- ▶ Certified for Alarm class 4 (SSF 1014, edition 5), compliant with Security Grade 4 (EN 50131-1, EN 50131-3)
- ▶ Environmental class II
- ▶ Integrated alarm and access control features
- ▶ Advanced programming options
- ▶ Peer-to-peer functionality between Sentrion controllers
- ▶ Autonomous operation
- ▶ Secure communication over IP - with optional secondary network card for redundancy
- ▶ 3 x RS-485 for connecting up to 45 DSS units - expandable to a recommended maximum of 213 DSS units using bus expanders
- ▶ One or more of the 3 RS-485 buses can be used to integrate with ASSA Aperio door modules, instead of DSS modules
- ▶ Direct integration with several different alarm transmitter models

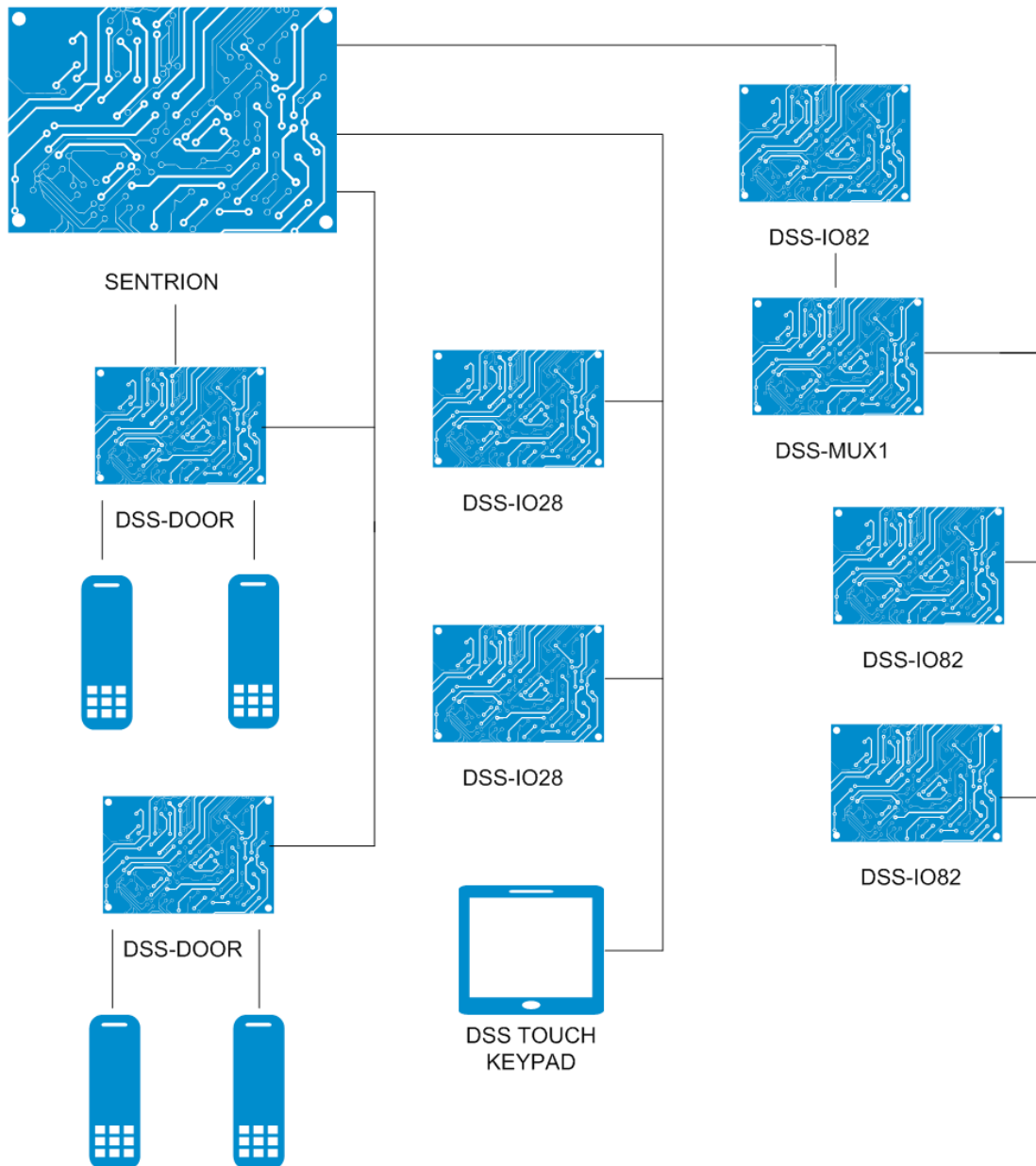
Sentrion is a modern alarm and access control security platform focusing on flexibility, user friendly operation, and meeting the highest security standards. It is one of the most trusted and reliable systems on the market providing integrated alarm and access control functions in a single unit without compromising on either features or security. Sentrion S4 is configured and managed using either a security management system or the built-in web interface. Once configured Sentrion S4 is completely autonomous and operates independently of the security management system. Multiple Sentrion controllers can operate together using Peer-to-peer technology without requiring communication with the security management system.

Sentrion S4 is highly expandable with its three RS-485 buses and supports a wide range of DSS units, including I/O cards, door controllers, bus expanders and control panels.

#### TECHNICAL SPECIFICATIONS

DIMENSIONS	140 x 150 x 30 mm (PCB)
WEIGHT	190 g
ENVIRONMENT	-10°C - +40°C, Environment class II
POWER INPUT	12-24 VDC (-10%/+20%)
POWER CONSUMPTION	75 mA @ 27 VDC (2,5 W) max - excluding external loads
COMMUNICATION	3 x RS-485, 1 x RS-232, 1 x USB, 1 x Ethernet (with optional secondary Ethernet port)
INPUTS	4 digital inputs (not approved for alarm functionality)
OUTPUTS	4 Open Collector outputs (max 100 mA, active low)
STATUS INDICATORS	LEDs indicating power, communication and internal status

## SYSTEM ARCHITECTURE



## CERTIFICATION AND COMPLIANCE

SBSC certified: Certificate number 16-269

Compliant with Alarm class 4 (SSF 1014, edition 5), Security Grade 4 (EN 50131-1, EN 50131-3), Environmental class II.

EMC: CE 61000-6-3 Residential, 61000-6-2 Industrial. RoHS compliant

## ACCESSORIES

ARTICLENR	TYPECODE	DESCRIPTION
310 001 021	S4-001	Alarm - and access controller without enclosure.
310 001 023	S4-002	Alarm- and access controller with enclosure, SSF/EN approved.
310 001 025	S4-003	Same as S4-002 with a secondary ethernet port.

SX-ENC-001: Metal enclosure (SSF approved)

SX-ENC4: Four-unit enclosure

TIF3-NIC: Secondary ethernet port TIF module