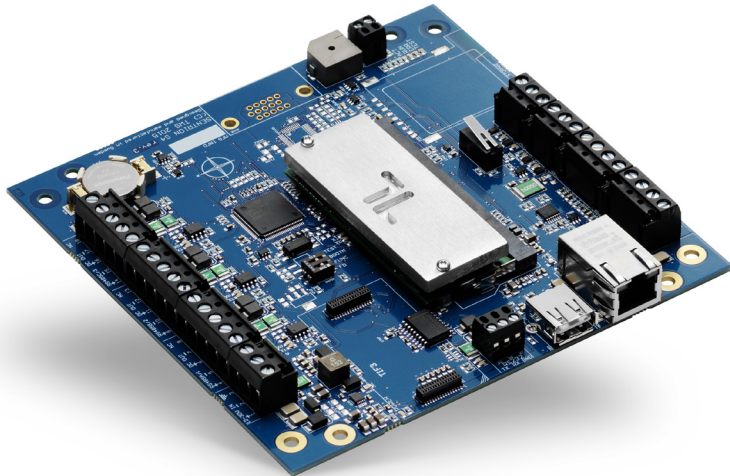


DATA SHEET SENTRION – CONTROLLER

SENTRION S4-DUO



MAIN FEATURES

- ▶ Certified for Alarm class 4 (SSF 1014, edition 5), compliant with Security Grade 4 (EN 50131-1, EN 50131-3)
- ▶ Environmental class I
- ▶ Integrated alarm and access control features
- ▶ Advanced programming options
- ▶ Peer-to-peer functionality between Sentrion controllers
- ▶ Autonomous operation
- ▶ Secure communication over IP
- ▶ 1 internal DSS unit provides out-of-the-box capabilities
- ▶ 1 x RS485 for connecting up to 9 additional DSS units
- ▶ Direct integration with several different alarm transmitter models
- ▶ Perfect for small-scale installations and ready for integration into large-scale installations

Sentrion is a modern alarm and access control security platform focusing on flexibility, user friendly operation, and meeting the highest security requirements. 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.

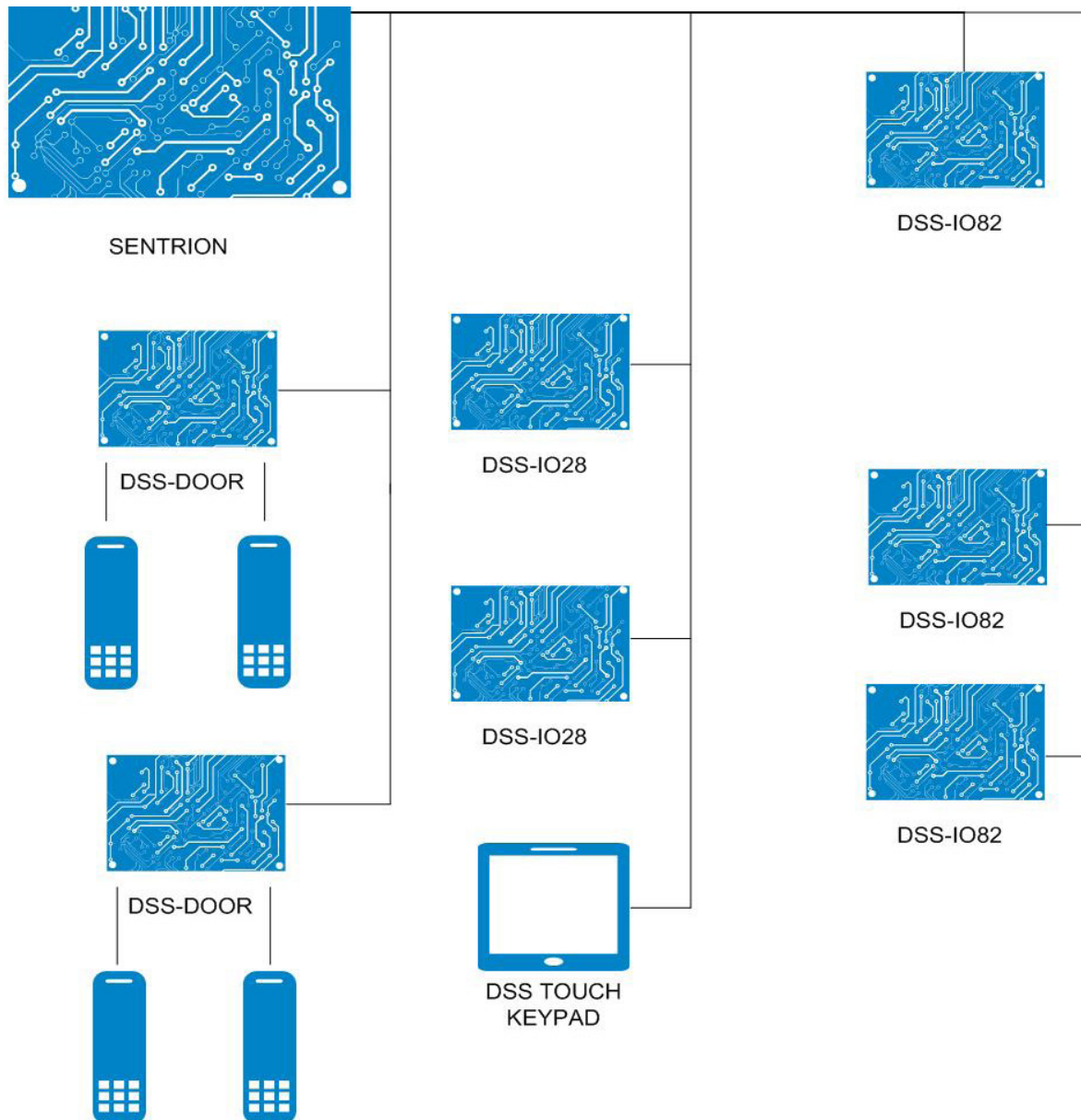
Sentrion S4-DUO is configured and managed using either a security management system or the built-in web interface. Once configured Sentrion S4-DUO is completely autonomous and operates independently of the security management system. Multiple Sentrion controllers can operate together using Peer-to-peer technology without requiring communication with the security management system.

Sentrion S4-DUO provides an internal DSS unit with support for 2 card readers (OSDP v1/v2), 8 inputs and 5 outputs. Up to 9 additional DSS units can be connected to the integrated RS-485 bus.

TECHNICAL SPECIFICATIONS

DIMENSIONS	135 x 98 x 24 mm (PCB)
WEIGHT	180 g
ENVIROMENT	-10°C - +40°C, Environment class I
POWER INPUT	12-24 VDC (-10%/+20%)
POWER CONSUMPTION	181 mA @ 27 VDC (6,0 W) max - excluding external loads
COMMUNICATION	1 x RS-485, 1 x RS-232, 1 x USB, 1 x Ethernet
INPUTS	8 supervised inputs (max 20 kΩ loop resistance)
OUTPUTS	2 relay outputs (voltage output (1A max) and C/NO/NC (1A/30V max)), 3 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 17-636. Compliant with Alarm class 4 (SSF 1014, edition 5), Security Grade 4 (EN 50131-1, EN 50131-3), Environmental class I.
 EMC: CE 61000-6-3 Residential, 61000-6-2 Industrial.
 RoHS compliant

ACCESSORIES

ARTICLENR	TYPECODE	DESCRIPTION
310 001 030	S4-DUO-001	Sentrion DUO includes alarm and access controller with enclosure SSF/EN approved, incl one door