

## SUSAN advanced Data Sheet

Version 4

### Key Features\*

- authentication of immobilizer slaves (Gen 6)\*\*
- authentication of component protection slaves (Gen 3)\*\*
- pairing of ECUs to a VIN\*\*
- system configuration via a physical and a web based human machine interface, remote system configuration via an TCP API

*\* are designed to work within the PPE platform*

*\*\* requires a cryptographic module to work properly*



### Description

SUSAN advanced is an simulation platform for automotive functions with interfaces to automotive bus systems. The system is compatible with the cryptographic module from CARIAD SE. You will find a detailed description of the full set of functions and applications in the SUSAN User Manual as well as use cases and limitations.

### Technical Specifications

Parameter	Value
Input Voltage Range:	DC 12 V (9...15 V)
Power Consumption:	3.5 A max.
Fuse:	3.5 A
Connection:	2x4mm banana socket
Working Temperature Range:	0 °C to +50 °C, non-condensing
Storage Temperature Range:	-10 °C to +50 °C
Humidity Range:	5 % to 85 %
IP Protection Class:	IP20
Dimensions:	Ca. 180 mm × 100 mm × 62 mm (w/h/d)
Weight:	Ca. 500g
LCD Display:	LCD 2x16 character, 6,68mm with backlight
USB Specification:	USB 2.0, 500mA max. (per port)

## Network Interfaces

Interface	Number of Ports	Interface Type
D-SUB9 (Male)	2x	CAN-FD
IX Industrial (Female)	1x	100 Base T1 (Automotive Ethernet / BroadR-Reach / Single-Pair-Ethernet)
RJ-45 (Female)	1x	1000 Base TX (Connection for configuration via PC)

## Product Images



## Export Control Regulations

All products of the SUSAN product family are classified under US-Export Control Regulation as: EAR 99.