

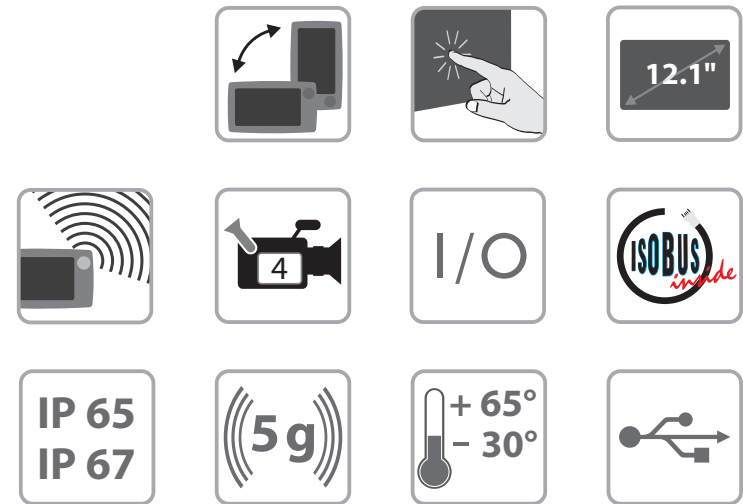


OPUS A8e - Communicative Competence

In the OPUS A8e, we have combined the most brilliant technology into a single unit - with maximum performance and a sophisticated design. Unlike the OPUS A8 Standard, the OPUS A8e is operated entirely without keys. This is achieved through a high-quality touch panel with an analog resistive glass surface.

A distinguishing feature of the OPUS A8e is its scalable process architecture. Its high performance enables the device to simultaneously display all safety factors on the video raster screen.

The OPUS A8e's great look is thanks to an extravagantly designed aluminium casing. The OPUS A8e is therefore the ideal device for demanding users and applications.



Housing

Orientation landscape or portrait

Display

12.1", 16:9 TFT transmissive
1280 x 800 px , 400 cd/m²
Contrast ratio 1000:1

Signals

1 multi-color LED
3 status LED's
Speaker

Processor

32-bit, 850 MHz
Freescale® I.MX6™ quad

Memory

1024 MB DDR2 RAM
8 GB NAND flash

User Interface

Analog-resistive
glass/glass touchscreen

Interfaces

2 x CANbus ISO 11898
CAN specification 2.0 B active
1 x RS-232 (Rx, Tx, GND only)
Gigabit ethernet 10/100 Mbit/s
Base-T
Digital/analog inputs,
3 digital outputs

Video

3 composite CCITT video inputs
PAL 50 Hz color coding / NTSC
1 Vpp, 75 Ohm

Wireless

Bluetooth® 2.0, Class 2

Power Supply

9 ... 36 V DC

Operating System

Embedded Linux®

Real Time Clock

Buffered by goldcap

Environmental Conditions

Temperatures
operating - 30° to +65°C
storage -40° to +85°C
Protection IP 65 and IP 67
Vibration 5g, Shock 30g

Programming Environment

Wachendorff Projektor-Tool
for Windows®
CODESYS V3
ISO-VT

Supported Protocols

CANopen®
CANfreestyle
J1939

Advanced Programming Environment

C/C++

Certificates

CE mark

Connectors

Main: AMP Seal, 26 pin
Video: M12 round, 5 pole, b-coded
Ethernet: M12 round, 4 pole, d-coded

A8e preliminary specifications

