

# **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.







+ 65°

**30°** 



#### Housing

Orientation landscape or portrait

## Display

12.1", 16:9 TFT transmissive 1280 x 800 px , 400 cd/m<sup>2</sup> Contrast ratio 1000:1

## Signals

1 multi-color LED 3 status LED's Speaker

#### Processor

32-bit, 850 MHz Freescale<sup>®</sup> I.MX6<sup>™</sup> quad

#### Memory

1024 MB DDR2 RAM 8 GB NAND flash

#### **User Interface**

Analog-resistive glass/glass touchscreen

## Interfaces

2 x CANbus ISO 11898 CAN specifcation 2.0 B active 1 x RS-232 (RxD, TxD, 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<sup>®</sup> 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



