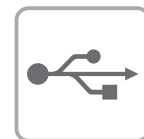
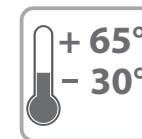
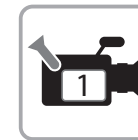
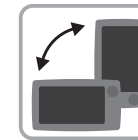




OPUS A3s - Good Things come in Small Packages

The OPUS A3s offers you all the possibilities of the OPUS A3eco, but with even more useful features. The A3s version allows the user to implement a variety of different user interfaces with ease. The unit also includes an encoder, eight softkeys and three hard keys with exceptional tactile touch underlining the quality of the A3s. The 4.3" screen features operation verification, and can also be supplied as an analog resistive touchscreen.

The multi-color LED is supplemented by three additional LEDs. The full-speed USB 2.0 input on the front is best suited to high-speed data exchange and is positioned in the casing of the unit for maximum protection against the elements. CANbus ports for fast operation, an acoustic alarm with up to 65 dBA output and a camera input to ensure the highest level of safety. A powerful 32-bit, 532 MHz processor offers outstanding performance. This is supported by either 512 MB or 1 GB of RAM, plus 32 KB of serial EEPROM.



Housing

Orientation landscape or portrait
W189 x H98 x D60 mm
excl. connector and cables

Display

4.3", 15:9 TFT transmissive
480 x 272 px, 400 cd/m²
Contrast ratio 400:1

Signals

Multi-color LED
3 status - LED`s
Piezo alarm, approx. 60 dB(A)

Processor

32-bit, 532 MHz
Freescale® I.MX35™

Memory

256 MB DDR2 RAM
1 GB NAND flash

User Interface

8 softkeys
3 hardkeys
Encoder
Analog-resistive touchscreen

Interfaces

2 x CANbus ISO 11898
CAN specification 2.0 B active
Ethernet 10/100 Mbit/s Base-T
1 RS-232 (Rx/D, Tx/D, GND only)
Analog/Digital I/O:
4 analog/digital inputs,
3 digital outputs
1 USB 2.0 full speed
Ethernet 10/100 Mbit/s Base-T
Light sensor

Video

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

Wireless

na

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

