



OPUS A3e - All Basic Needs Covered

A lot of technology - at a low investment cost. This slogan fittingly describes the OPUS A3e. This full-value operator console features a 4.3" screen with 480 x 272 pixels and is optionally available with a touchscreen display. A further plus point of the OPUSA3e is its weight: less than 1kg.

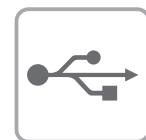
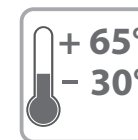
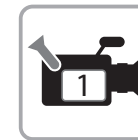
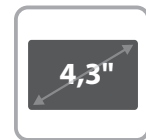
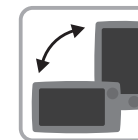
Inside is a powerful and reliable 32-bit, 532 MHz processor, with memory option ranging from a minimum of 512 MB, up to 1 GB. Equipped with a multi-color LED, 4 analog or digital inputs, 2 CANbus ports and a full-speed USB 2.0 interface, this low-cost unit is not lacking

in functionality. The OPUS A3e: high performance at an entry-level price.

Acoustic Alarm

To assure reliable monitoring, the full line version of the OPUS A3e features an acoustic alarm with an output of up to 65 dBA. This makes it particularly suitable as a parameterisation unit, and it uses the trusted Embedded Linux operating system.

You can count on it: the OPUS A3e offers the best price-to-performance ratio available on the market in its class.



Housing

Orientation landscape or portrait
W142 x H98 x D43 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
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

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 battery

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

