

Unbegrenzte Möglichkeiten mit dem A1+: 32-bit-Prozessor für rasante Rechenleistung, riesiges 10,4" Touchscreen-Display, Datentransfer mit SD-Karte. Der Joker für hochkomplexe Aufgaben.

The sky's the limit with the A1+: 32-bit processor for super-fast computing power, huge 10.4" touchscreen display and SD card for data transfer. The trump card for complex tasks.

Possibilités illimitées avec l'A1 : processeur pour une performance informatique ultrarapide, grand écran tactile 10,4", transfert de données avec carte SD 250 Mo. Le joker pour toutes les missions très complexes.

El cielo es el límite con la A1+: procesador de 32 bits para un funcionamiento ultra rápido, gran pantalla táctil de 10,4 pulgadas, tarjeta SD para la transferencia de datos. La mejor opción para tareas de gran complejidad.

Possibilidades ilimitadas com o A1+: processador de 32 bits para um incrível desempenho de cálculo, enorme display sensível ao toque de 10,4 pol., transferência de dados com cartão SD. O coringa para tarefas de alta complexidade.

Возможности OPUS A1+ беспредельны! Высокоскоростной 32-битовый процессор, большой сенсорный экран с диагональю 10,4 дюйма, слот для SD-карты – возможность обмена данными с другими системами. Ему по плечу самые сложные задачи.

A1+ 带来的无限可能：具有高速运算能力的32位处理器，超大的10.4"触摸显示屏，用于数据传输的SD卡。能够轻松解决任何高复杂程度的任务。




www.wachendorff-elektronik.de
Wachendorff Elektronik GmbH & Co. KG, Industriestrasse 7, 65366 Geisenheim, GERMANY

Tel +49 6722 9965-26, Fax +49 6722 9965-85, opus@wachendorff.de

www.wachendorffUSA.com

Wachendorff Electronics USA, Inc., 2585 Millennium Drive, Suite i, Elgin, IL 60124, USA

Tel +1 847-695-8820, Fax +1 847-890-6776, opusamerica@wachendorff.com

HOUSING

Standalone mount,
orientation landscape
W 315 x H 243 x D 77 mm,
incl encoder, excl connector and cables
Weight 3.5 kg

DISPLAY

10.4", 4:3, TFT, transmissive
640 x 480 pixels
350 cd/m² max brightness
600:1 max contrast
H ±80°, V ±60° max viewing angles

USER INTERFACE

Optional analog-resistive touchscreen
8 Softkeys, 1 Hardkey
Key backlighting - green, adjustable
1 encoder with push click to enter

SIGNALS

1 red LED
Piezo alarm approx 80 dBA

PROCESSOR

32-bit, 400 MHz, XScale PXA255

MEMORY

128 MB SDRAM
1 GB Mass Storage
32 kB serial EEPROM
1 slot for SD or MM card

INTERFACES

2 or 3 CANbus ISO 11898,
CAN specification 2.0 B active
2 RS-232 (RxD, TxD, RTS, CTS only),
EIA-level
Ethernet for Software development only

VIDEO

Optional 2 Composite CCITT video input,
PAL 50 Hz color coding, input level
1 Vpp, 75 Ω
Video overlay with video layer for background

REAL TIME CLOCK

Buffered for 2 weeks by gold cap,
accuracy ±1 sec/day

CONNECTORS

Main: Deutsch, 31 pin, HDP-24-24-31PE
Video: Conec 470D2SCR68F1DX

POWER SUPPLY

Max tolerable 10 – 32V DC

ENVIRONMENTAL CONDITIONS

Temperatures
Operating –25° to +65°C
Storage –30° to +85°C
Protection IP 65 with SD slot closed.
Not for outdoor use.
Vibration 5g @ 57 – 300 Hz, 150 h per axis
Shock 30g, 11ms, 10 times per axis

CERTIFICATES

CE mark

OPERATING SYSTEM

Embedded Linux®

PROGRAMMING

Wachendorff Projektor-Tool
for Windows® NT/2000/XP
supporting
CANopen®
Generic driver
CANfreestyle

ADVANCED PROGRAMMING

Optional Programming in C/C++

Copyright© 2009, Wachendorff Elektronik GmbH & Co. KG
and Wachendorff Electronics USA, Inc. All rights reserved.
All details are without guarantee. Errors and omissions excepted.

CANopen® is a registered community trade mark of CAN in Automation e.V.
Linux® is a registered trademark of Linus Torvalds
in the United States and other countries.

Windows® is a registered trademark of Microsoft Corporation
in the United States and other countries.

 OPUS[®] A1+



