

Wenn das gewisse Extra nicht fehlen darf, dann ist das OPUS A6s Ihr Typ: Mit Drehgeber, drei Hard- und zwölf Soft-Keys sowie Optionen wie Ethernet, Bluetooth®, zwei Kameraeingängen, WLAN, Quad-Band-GSM u.v.m.

When that certain extra features should not be missing then the OPUS A6s is your man: With encoder, three hard and twelve soft function keys, as well as options like Ethernet, Bluetooth®, two camera inputs, WLAN, Quad-band GSM and much more.

Si vous ne voulez pas renoncer aux petits extras, l'OPUS A6s est la solution idéale. Avec encodeur, trois touches non programmables et douze touches programmables, ainsi qu'une multitude d'options : Ethernet, Bluetooth®, deux entrées caméra, WLAN, Quad-band GSM et plus encore.

Si no puede prescindir de un determinado extra, el OPUS A6s es el indicado para usted: Con codificador rotatorio, tres hardkeys y doce softkeys, opciones como Ethernet, Bluetooth®, dos entradas para cámara, WLAN, GSM Quad Band y mucho más.

Se você não abre mão dos opcionais, o OPUS A6s é o seu produto: Com codificador rotativo, três teclas e doze softkeys e opções como Ethernet, Bluetooth®, duas entradas para câmera, WLAN, GSM Quad Band e muito mais.

Если необходимы некоторые дополнения, OPUS A6s будет как раз то, что надо: датчик угла поворота, три аппаратные и двенадцать программных кнопок, а также такие опции, как Ethernet, Bluetooth®, два входа для камер, WLAN, Quad-Band-GSM и многое другое.

如果说必须具备不可或缺的功能特性，那么OPUS A6s正是您所期望的：它带有回转式编码器，三个硬键和十二个软键，以及各种可选项，如以太网（Ethernet），蓝牙（Bluetooth®），两个照相机接口，WLAN，Quad-Band-GSM（四倍带宽GSM）以及更多其它功能接口。




## HOUSING

Standalone or dashboard mount,  
orientation landscape or optional portrait

## DISPLAY

7", 15:9

TFT, transmissive, optional AR-Folie

800 x 480 pixels

400 cd/m<sup>2</sup> max brightness, transmissive

400:1 min contrast or higher

H ±70°, V ±55° max viewing angles

## USER INTERFACE

Optional analog-resistive touchscreen

12 Softkeys, 3 Hardkeys

Key backlighting - blue, adjustable

1 encoder with push click to enter

## SIGNALS

1 multicolor LED and 3 status LEDs

Buzzer approx 80 dBA

## PROCESSOR

32-bit, 533 MHz, I.MX35

## MEMORY

128 / 256 MB DDR2

512 MB / 1 GB / 4 GB Mass Storage

32 kB serial EEPROM

## INTERFACES

2 CANbus ISO 11898,  
CAN specification 2.0 B active

1 RS-232 (Rx/D, Tx/D, GND only), EIA-level

Analog/Digital I/O

4 analog or digital inputs  
(selectable via software), 3 digital outputs

1 USB 2.0 full speed on main connector,  
optional 1 USB 2.0 high speed on front

Optional Ethernet 10/100 Mbit

## WIRELESS

Optional Bluetooth® 2.0, Class 2

## VIDEO

Optional 3 Composite CCITT video input,

PAL 50 Hz color coding, input level

1 Vpp, 75 Ω, switchable

Video overlay with video layer for background

## REAL TIME CLOCK

Buffered for 2 weeks by gold cap,  
accuracy ±4 sec/day

## CONNECTORS

Main: AMP Super Seal, 26 pin,

Optional USB A on front

Ethernet: 4-pole round connector,  
M12, D-coded

Video: 5-pole round connector,  
M12, B-coded

## POWER SUPPLY

Max tolerable 8 – 36V DC

## ENVIRONMENTAL CONDITIONS

Temperatures

Operating –30° to +75°C

Storage –40° to +80°C

Protection IP 67 and IP 65.

True outdoor.

Vibration 5g @ 57 – 2000 Hz, 150 h per axis

Shock 30g, 11ms, 10 times per axis

## CERTIFICATES

e1 and CE mark

## OPERATING SYSTEM

Embedded Linux®

## PROGRAMMING

Wachendorff Projektor-Tool  
for Windows® NT/2000/XP  
supporting

CANopen®

Generic driver

CANfreestyle

J1939

## ADVANCED PROGRAMMING

Optional CoDeSys v3

Optional Programming in C/C++



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