



## Driver Panel

DISPLAY TYPE	DAVED104T1
DISPLAY	10,4", 800 cd/m <sup>2</sup> , LED backlight, ratio 4:3, automatic backlight adjustment, daylight condition
ACTIVE AREA	210,43 x 157,82 mm
RESOLUTION	1024 x 768 dots, 16,7M colors
DIMENSIONS	288 x 242 x 97 mm, 3 kg
USER INTERFACES	10,4" Capacitive touch screen, the ability to modify buttons and lights
INTERFACES	Ethernet M12, isolated 1,5 kV, 18-36 VDC, 1,5 kV isolated power connection, maximum power 20 W
CONTROLLER	ARM Cortex A9, 2GB DDR3 RAM, 16 GB
SOFTWARE	Linux, Full Screen WEB browser
HOUSING	Aluminum/Steel, Antireflective hardened front glass
CERTIFIED	EN50155, CE, Temperature area -40 °C ... + 70 °C
RAM	MTBF > 50 000h, MTTR 15 min

## Advanced electronics and systems provider

DA-Design is the 7th Sense Solutions provider and partner for vehicle manufacturers and public transportation operators, defence and space authorities, as well as the industry sector. We provide the best and robust way to increase the performance of applications with new solutions or replacing and modernising existing systems with cutting-edge electronics.

The proven DA7 Quality System meets public transportation requirements and the key standards: ISO 9001:2008 and products are compliant with EN50155 standard, 'Railways Applications Electronic Equipment Used on Rolling Stock'. The company also fulfills military and space requirements.

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Cover picture by  
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9 Pasila

# Vehicle information equipment



## Vehicle Computer

TYPE	<b>DAVEC 100</b>
DIMENSIONS	315 x 214 x 73 mm, max 4kg
INTERFACES	Ethernet M12, 2 x USB, RS-232, DVI
POWER	18-36 VDC, 1,5 kV isolated power, max 30 W, 10 W typical
CONTROLLER	ARM-based CPU, 128 MB RAM, 1 GB software memory
SOFTWARE	Linux operating system, WEB Server application
HOUSING	Aluminum profile
CERTIFIED	EN50155, CE, Temperature range -30°C ... +50°C
OPTIONS	I/O extension RS-485, IBIS, CAN, WIFI, 3G

## Advertising Display

DISPLAY TYPE	<b>DAVED200</b>
DISPLAY	20", 250 cd/m <sup>2</sup> , CCFL backlight, aspect ratio 16:9
ACTIVE AREA	442 x 249 mm
RESOLUTION	1600 x 900 dots
DIMENSIONS	486,8 x 285,0 x 54 mm, 9 kg
INTERFACES	Ethernet M12 connection, 18-36 VDC power, 1,5 kV isolated power max 40 W
CONTROLLER	Intel Atom controller, 2GB RAM, 64 GB software memory SSD
SOFTWARE	Linux, Full screen HTML5 WEB browser or Media player
HOUSING	Aluminum/Steel, Antireflective hardened front glass
CERTIFIED	EN50155, CE, Temperature range -20 °C ... + 50 °C
OPTIONS	RS-485, IBIS, Wifi, 3G

## Passenger Display

DISPLAY TYPE	<b>DAVED195</b>
DISPLAY	19,5", 500 cd/m <sup>2</sup> , LED backlight, aspect ratio 11:3
ACTIVE AREA	475 x 126 mm
RESOLUTION	1920 x 510 dots, 16,7M colors
DIMENSIONS	504,2 x 163,7 x 68 mm, 4 kg
INTERFACES	Ethernet M12 or RJ-45 connection, 18-36 VDC, 1,5 kV isolated power max 30W
CONTROLLER	ARM A8, 256 MB RAM, 4 GB software memory
SOFTWARE	Linux, Full screen WEB browser
HOUSING	Aluminum/steel, Antireflective hardened front glass
CERTIFIED	EN50155, CE, Temperature range -20 °C ... + 50 °C
OPTIONS	RS-485, IBIS, Wifi, 3G

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