

DI-Dash_6/8_2C-000

BigDash display basic in 2nd generation 2 CAN

Features

Based on newest COG technology (chip on glass) the well known 2D HQ Dashboard is coming in next generation as a stand alone unit with additional input channels.

- New glass design for better information with bigger dotmatrix area
- Reduced weight improved reliability by COG technology
- A graphic display with 132x64 dots can be used to show any channel or to display warning messages (indicating low oil pressure, high water temperature, and low battery voltage)
- 64 segment rev-counter in graph style with user definable, non-linear range. Show gear position, number of laps, running down qualifying time. Update rate is 100Hz.
- Extra warning light on the side of the dashboard
- 2 independent external CAN-lines
- Online calculation channels
- Adjustable brightness of LED's
- Full temperature range -20 to 85°C
- Temperature controlled contrast
- Usable as standalone display unit
- Programmable via CAN-bus



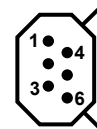
Connector layout

Connector type

6pin OEM connector

Pin	Name	Description
1	CAN 2 H	CAN Bus High (2 nd CAN-line)
2	CAN 2 L	CAN Bus Low (2 nd CAN-line)
3	Vext (KL-30)	External Power supply
4	BGND	Board Ground
5	Button (digital/TTL)	Digital input with TTL switching treshold (used for switching the pages)
6	BGND	Board Ground

Connector at display



6PM (front side)

8pin OEM connector

Pin	Name	Description
1	CAN 1 H	CAN Bus High (1 st CAN-line)
2	CAN 1 L	CAN Bus Low (1 st CAN-line)
3	+12V (diode)	Sensor supply (max. 20mA)
4	GND	Ground
5	4k7@5V	Analog supply (5V power supply / 4.7kΩ hard-wired)
6	GND	Ground
7	Analog_IN1 (4k7@5V)	Analog input with 4.7kΩ Pull-up to 5V (predefined per software for event function LAP). → also usable as analog input with 4.7kΩ Pull-up for NTC measurements.
8	Analog_IN2 (0-5V)	Analog input (0-5V)



8PM (front side)

5pin Serial connector

Pin	Name	Description
1	RxD	Serial Bus Receive
2	TxD	Serial Bus Transmit
3	GND	Ground

Connector at display



Binder 719, 5PM (front side)

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Technical specifications

Electrical characteristics

Power supply.....	[V]	9-15
Current consumption:		
Shift led + background lighting off.....	[mA]	150
Shift led + background lighting on.....	[mA]	340
Shift led + background lighting + Warning light	[mA]	500
Graphic display.....	[dots]	132 x 64

Communications

CAN-lines.....		2
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Channels

Calc.....		12
CAN.....		32
Analog.....		5 (3 ext. + 2 int.)
Event.....		8
Display.....	[pages]	3
Channels per page.....	[CH / page]	21
Programable Shift-LED's.....		8
LCD graphic bar with 64 segments.....		1

Mechanical

Dimensions.....	[mm ³]	202 x 112.5 x 38
Weight.....	[g]	540
Housing material.....		PVC housing

Connector

6pin OEM connector.....		1
8pin OEM connector.....		1
5pin Serial connector (Binder 719, 5PM)...		1

Environmental

Operating temperature.....	[°C]	-20 to +85
Humidity.....	[%]	5-95

Options

2D offered a loom for this display (refer Looms/Cables) Art.No.: WL-DI6_8_2C-000

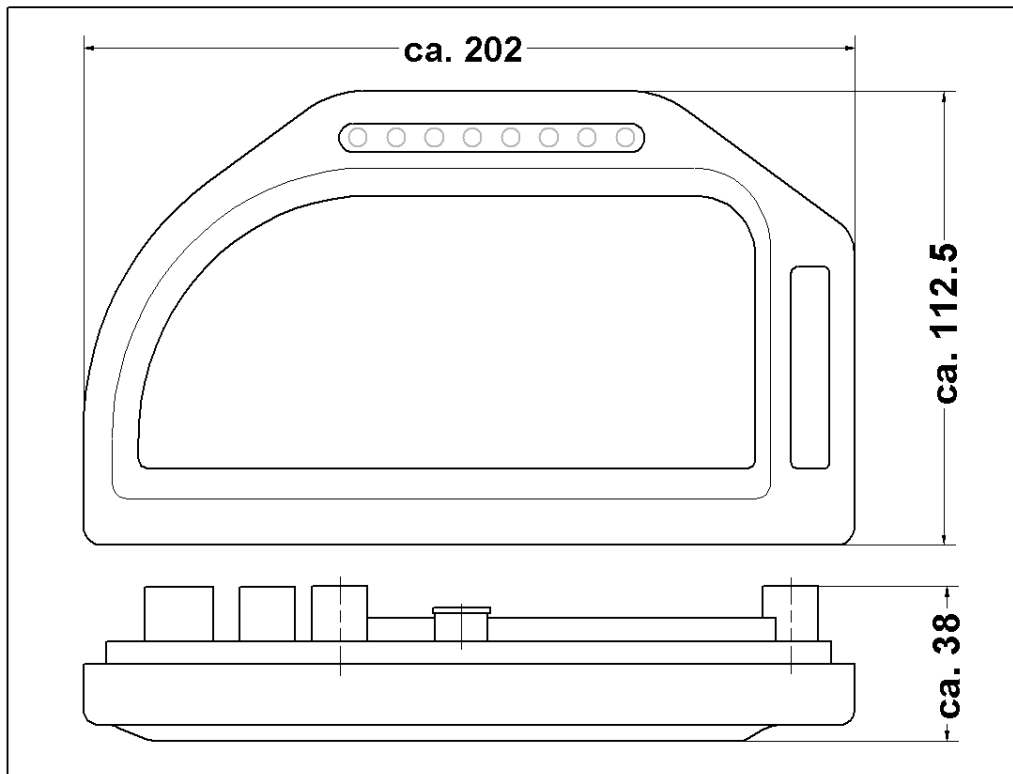
Ordering information

Art.No.:		
DI-Dash_6/8_2C-000.....		Display with 6/8 pin OEM connector and 2 CAN
DI-Dash_6/8_2C_endurance-000.....		Display with 6/8 pin OEM connector and 2 CAN + endurance mode for lap- and pit-timing + including 6 and 8 Pin OEM connector set

DI-Dash_6/8_2C-000

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Dimensions



Documentation reference



A documentation about operating + setting for this display is available at the homepage or the 2D CD-ROM.

→ <Support> <Download> <2D manuals> <Hardware manuals>

→ Take a look at "AC-DOC_DI-Dash_xxx_yCSetting_e-000"