



DASHCONTROL

technical brochure



ITALIAN DESIGN
SOFTWARE CUSTOMIZATION
SAFETY CARE
OPERATOR ORIENTED

General Description

DASHCONTROL is the new remote control system for display. Featuring an innovative design and highly ergonomic DASHCONTROL allows the operator to manage the dashboard to display directly from the arm rest or from the command console. It connects to the display via CANBUS.



TECHNICAL FEATURES

Operating voltage: 8 – 32 Vdc, protected against reverse polarity

Operating temperature: -20°C +70°C

Material: PC- ABS + silicon rubber + PMMA with antiscratch and anti reflective treatment

Sealing: IP65

CPU: - 16 bit Spansion microcontroller

Memory: - FLASH: 256,5KB + 32KB
- RAM: 16KB

LCD TFT panel: - Format: 2,4inch
- Resolution: 240x320 dots
- Orientation: Landscape or portrait
- Backlight: LED 950cd/m²
- Contrast ratio: 500

1 CANBUS 2.0 part A and B up to 1Mbps (ISO 11898 standard)

1 optical encoder – lifetime 1 Million cycle

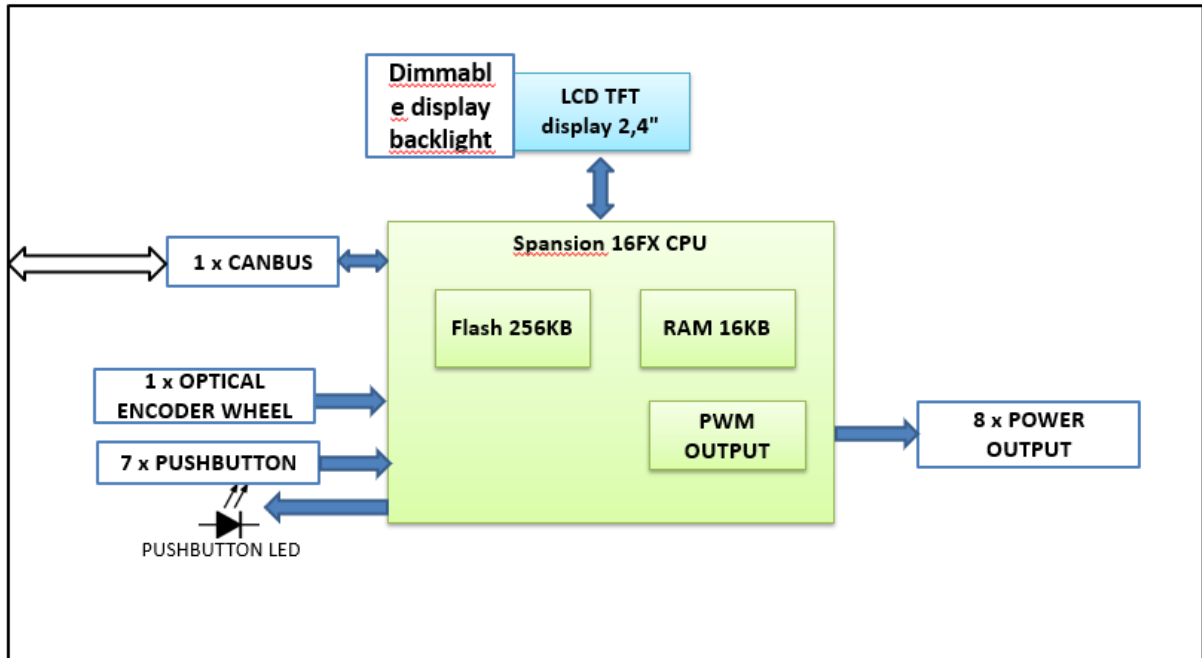
7 backilluminated silicon rubber pusbutton – lifetime 1 Million cycle

8 POWER OUTPUT HSD 3 ampère with reverse and short circuit protection

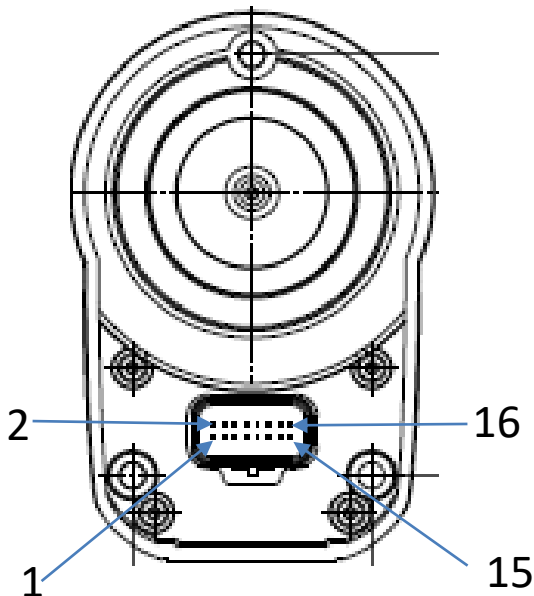
Programmable in C languages

CAN bootloader for FW upgrade

Block diagram

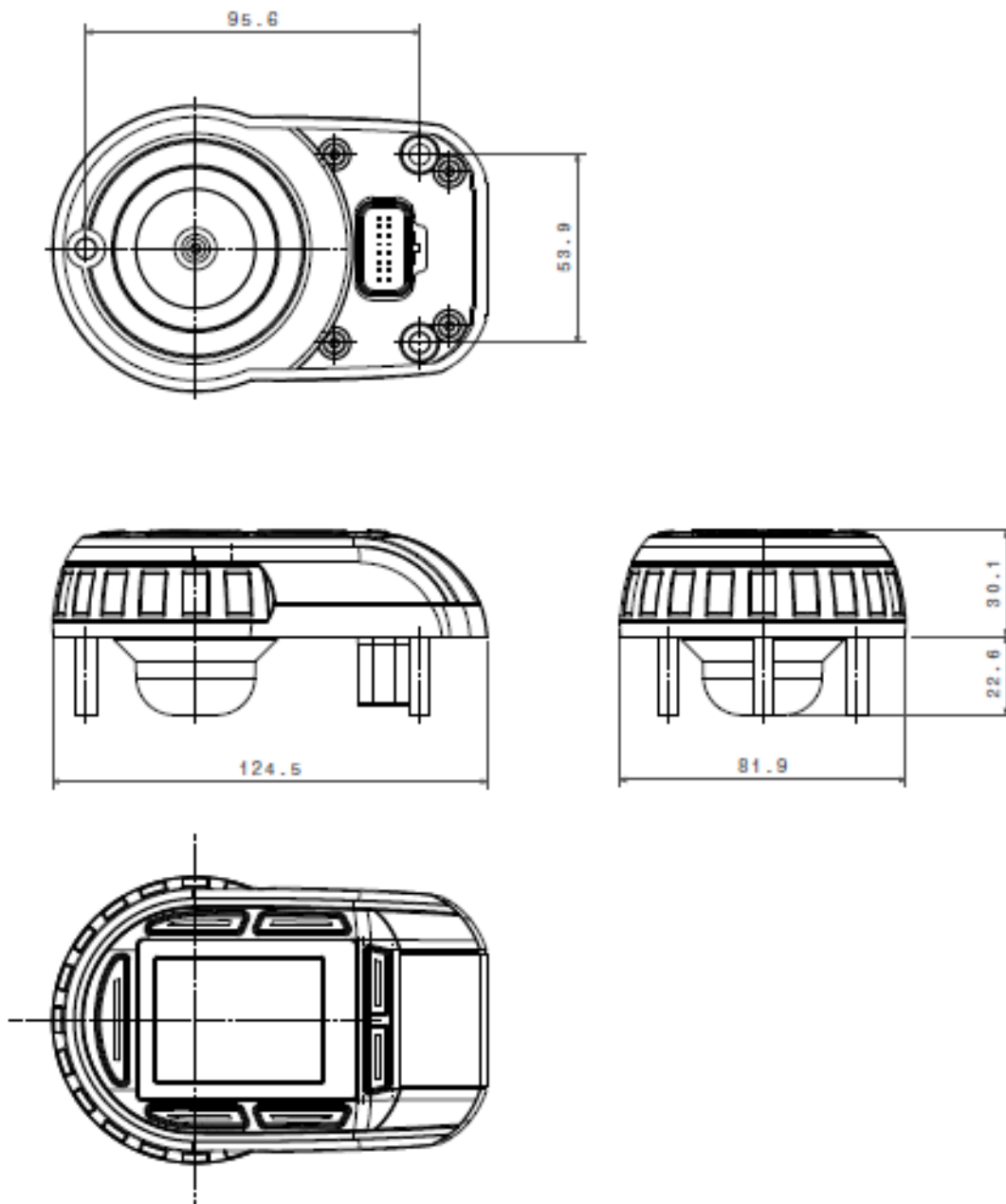


PINOUT



PIN	DESCRIPTION	PIN	DESCRIPTION
1	OUT 7	9	VBB POWER
2	OUT 6	10	GND
3	OUT 8	11	VBB POWER
4	OUT 5	12	VCC POWER
5	VBB POWER	13	OUT 1
6	CAN L	14	OUT 4
7	VBB POWER	15	OUT 2
8	CAN H	16	OUT 3

Overall dimension





Strumentazione analogica-digitale,
centraline elettroniche e spie

Analog-Digital instruments,
Electronic Control Board & Indicators

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= UNI EN ISO 9001:2008 =