



M-CLUSTER-TFT

Preliminary

technical brochure



ITALIAN DESIGN
SOFTWARE CUSTOMIZATION
SAFETY CARE
OPERATOR ORIENTED

TECHNICAL FEATURES

Operating voltage: 6 – 32 Vdc, protected against reverse polarity

Operating temperature: -30°C +85°C

Material: PBT

Sealing: IP67

Material: PC/ABS and PC

CPU: Arm® Cortex®-A9

RAM: 5MB

FLASH: 32MB

HW Watchdog

DISPLAY: COLOR TFT 7" 800x480 450nits

14 LED indicator

4 silicon pushbutton

3 CANBUS ports

1 USB port

1 LINBUS port

1 UART TTL (for debug)

22 DIGITAL INPUT(analogici)

8 RESISTIVE (2 INPUT for PT100/1000)...

4 frequency INPUT (0-10KHz, PICKUP, PNP, NPN)

2 IN 4-20mA

2 IN 0-10V

4 HSD OUTPUT 2A (di cui una dedicata al D+)

1 Vout for external senso (5V o 10V) (+ e GND)

2 video INPUT

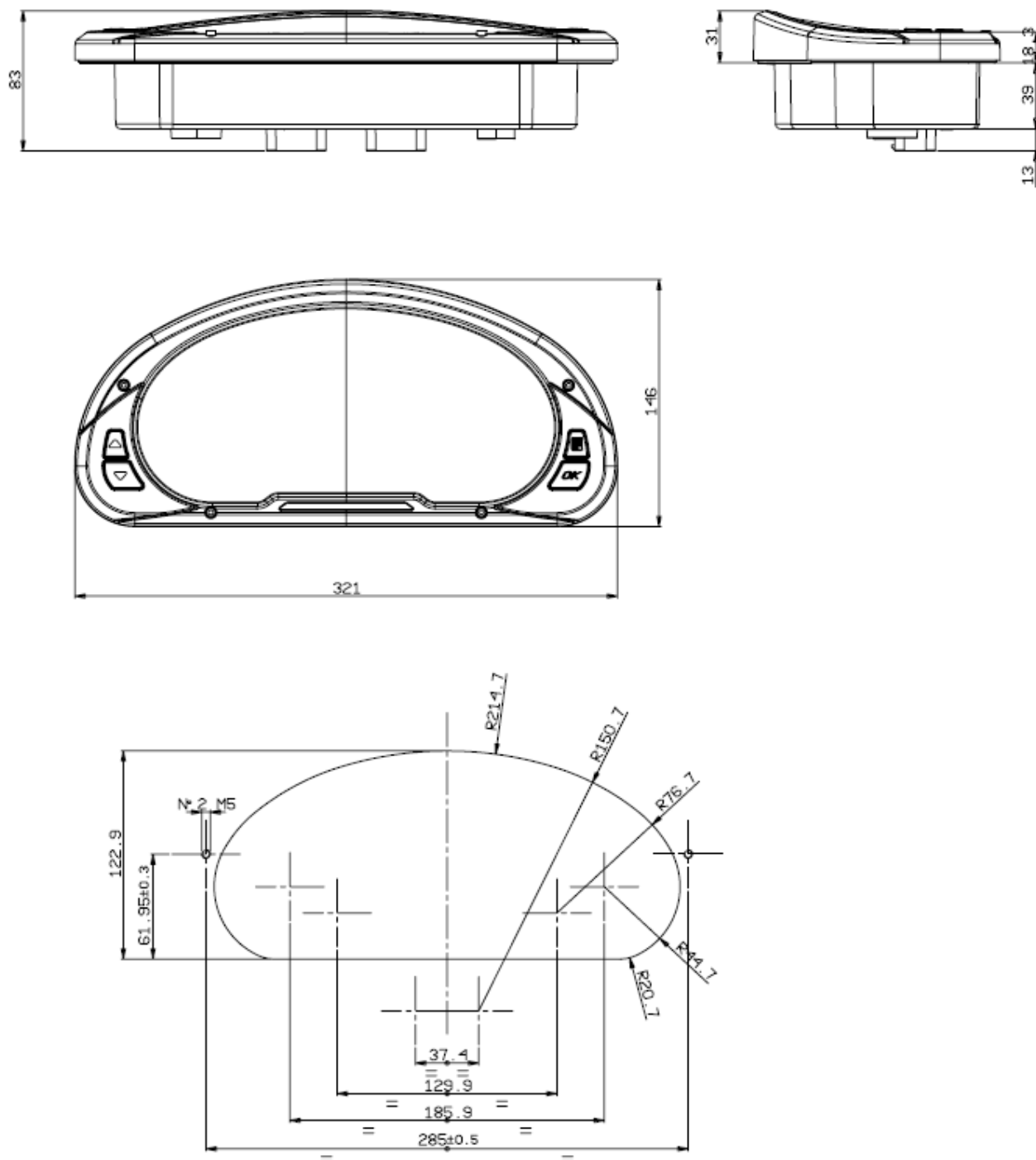
1 buzzer 105dB @30cm

1 internal RTC (real time clock)

Programmable in C languages with API

CAN bootloader for FW upgrade

Overall dimension





Strumentazione analogica-digitale,
centraline elettroniche e spie

Analog-Digital instruments,
Electronic Control Board & Indicators

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AZIENDA CON SISTEMA DI GESTIONE
PER LA QUALITÀ CERTIFICATO DA DNV
= UNI EN ISO 9001:2008 =