

UV CAN

UVOD Datasheet

UVOD is a 4.3" RGB touchscreen for automotive vehicle control systems. Its resistive touchscreen is immune to water drops and works even with gloves on. The ultra bright LCD panel is readable even in direct sunlight, making it suitable also for machines without a cabin.

UVOD is designed for the challenging environment of mobile vehicles and industry. Its robust aluminum enclosure withstands physical strains outstandingly, but also prevents the uncomfortable warming of the LCD display panel in warm conditions.



- 4.3" RGB TFT LCD Display
- Resistive touchscreen
- 480 x 272 resolution
- -30 ... +80 °C
- CAN 2.0B
- Single cable installation

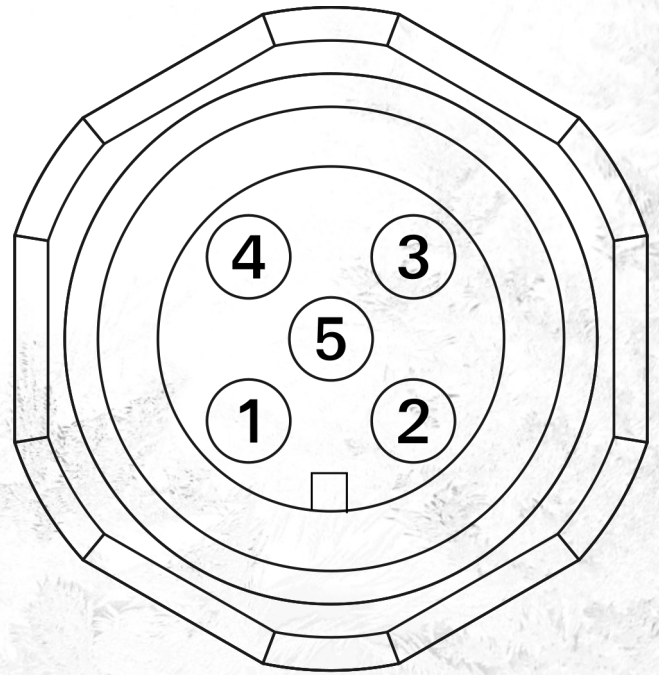
Technical Specifications

Voltage	8 - 30 VDC
Protection	Over voltage & Reverse voltage
Weight	260 g
Current Consumption	Max 500 mA
LCD Panel	4.3" TFT LCD
Touchscreen	Resistive
Screen Resolution	480 x 272
Screen Brightness	780 cd/m ²
Connector	M12 5-pin male
Interface	1 x CAN-bus 2.0B
Material	Aluminum
Programming language	C
Boot up time	less than 1 s
IP-rating	IP67
Microcontroller	32-bit ARM Cortex-M3
Memory	16 MB Media flash memory 256 KB Application flash memory 36 kB RAM memory
Other peripherals	Battery secured real time clock (RTC)

Connector Pin Out

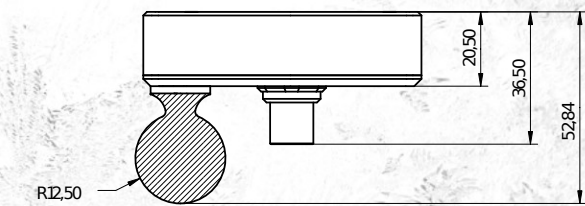
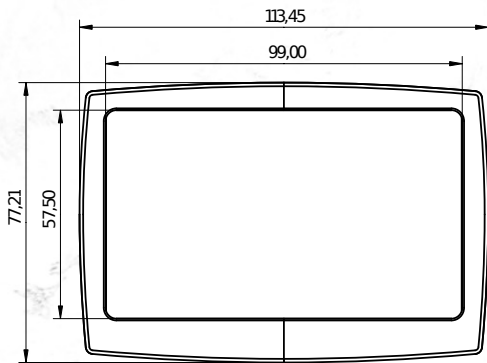
M12 5-pin male connector

1	No connect
2	VDD
3	GND
4	CANH
5	CANL

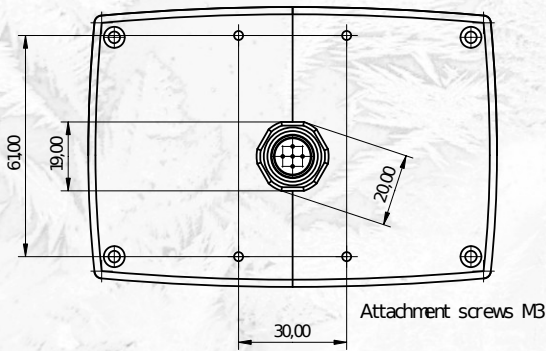


CONEC 43-01033

Physical Dimensions



Optional RAM-mount type B attachment



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All dimensions in millimeters	Part number: 1		
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