

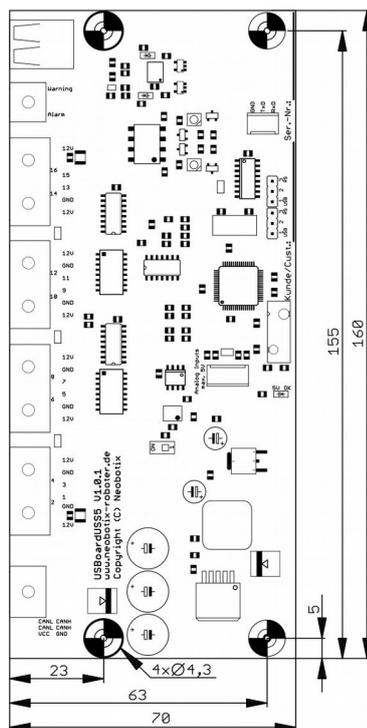
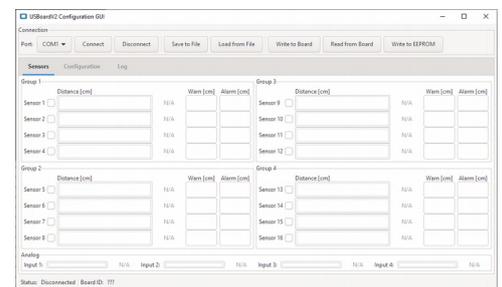
USBoardUSS5

THE USBoardUSS5 allows customers to add up to 16 ultrasonic sensors Bosch USS5 to their system. This provides autonomous robots or self driving vehicles with valuable additional information about their environment. The USS5 sensors can be placed wherever they are needed to fill gaps that cannot be covered by other sensors.

THE MEASUREMENTS of all sensors are available via CAN or USB connection. Two solid state relay outputs indicate that an object was detected within the warning or alarm range.

CONFIGURATION of the USBoardUSS5 is done by a powerful graphical user interface. For each sensor a warning and an alarm distance can be set individually. The data output can be adjusted with a large set of parameters to achieve best performance.

NEW FEATURES include a cross-echo mode and an optional housing. The USBoardUSS5 now indicates missing or defective sensors and also sensors that are blocked by obstacles which are too near.



INCLUDED IN DELIVERY

- USBoardUSS5
- Graphical user interface
- Online operating manual

ACCESSORIES

- Ultrasonic sensors
- Configuration cable
- Sensor cables
- Connector set for USBoardUSS5
- Connector set for sensor

TECHNICAL DATA

Supported sensors	16 x Bosch ParkPilot USS5
Supply voltage	9 VDC – 60 VDC, max. 4 W
Communication	CAN, USB, optional: RS-232
Inputs	4 x analogue (0 V – 5 V)
Outputs	2 x solid state relays (warning & alarm distance)
Configuration	By graphical user interface
Measurement	0.2 m up to 3.3 m, configurable warning and alarm distance
Safety approved	No