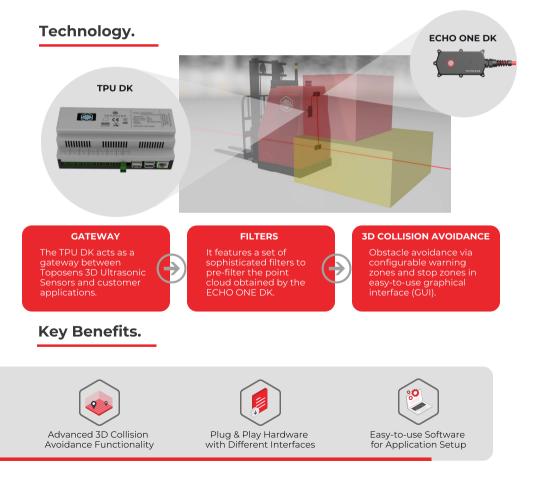
## **Toposens Processing Unit DK**

Advanced 3D Collision Avoidance



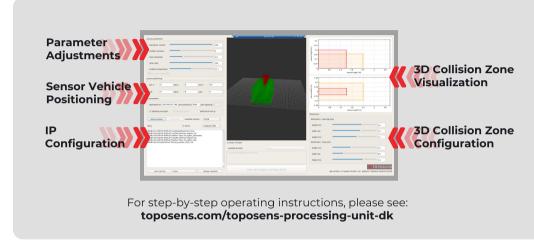
#### Introduction.

The Toposens Processing Unit Development Kit (TPU DK) serves the need of easy adoption and integration of the Toposens ultrasonic sensing technology for 3D collision avoidance. It enables customers to use pre-filtered point clouds and make use of the 3D collision avoidance functionality. Along with the nextgeneration 3D Ultrasonic Echolocation Sensor ECHO ONE DK, the system enables your AGV, robot, or other application to avoid collisions with all kinds of obstacles. By detecting even the most complex objects in 3D space with a small blind zone, customers are able to reduce costly accidents while ensuring highest safety in any environment.

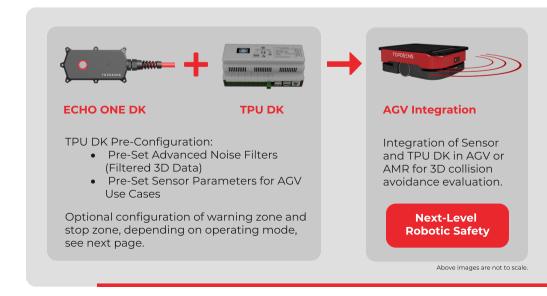




# **GUI Interface.**



# **Plug & Play Solution.**





# Specifications.

MECHANICAL	
Dimensions	160 x 91 x 60 mm
Weight	316 grams
Enclosure Material	ABS
ENVIRONMENTAL	
Ambient temperature range	10 - 50 ° C
Protection	IP20
ELECTRICAL	
Operating Voltage	9 - 30 V
Current Consumption (12 V)	265 mA
CONNECTIVITY	
Ethernet	1 x 10/100/1000 Mbps, RJ45 connector
Digital Inputs (24 V)	6x Dry Contact or Active Mode, Isolated
Relais Outputs	3x NO Contacts, 240 V, 3 A max.

### **Operating Modes.**

