

# TESTING OF AUTOMATED VEHICLES

## ERTIS



*Location: FlandersMake@UAntwerpen*

## DESCRIPTION

eRTIS is an embedded real-time imaging sonar for 3D sensing and perception in harsh environments that do not allow the use of vision-based sensors (dark, dusty, water particles, ...). The complete environment in front of the sensor is captured in one measurement.

## TECHNICAL SPECIFICATIONS

Size Sonar (H x W x D)	100 mm x 100 mm x 40 mm
Maximum range	5-10 m
Minimum Range	0.20 m
Field of view	Frontal Hemisphere
Range Accuracy	~5 mm
Range Resolution	~ 1 cm
Angular Accuracy	~ 1°
Angular Resolution	~ 5°
3D Measurement Rate	15 Hz
Ultrasonic Spectrum	20-80kHz

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## OUR OFFER

We offer the eRTIS for:

- 3D sensing
- Imaging in harsh environments where vision-based sensors cannot be used

## INTERESTED?

Contact [contact\\_Ansymo@flandersmake.be](mailto:contact_Ansymo@flandersmake.be) for more information.