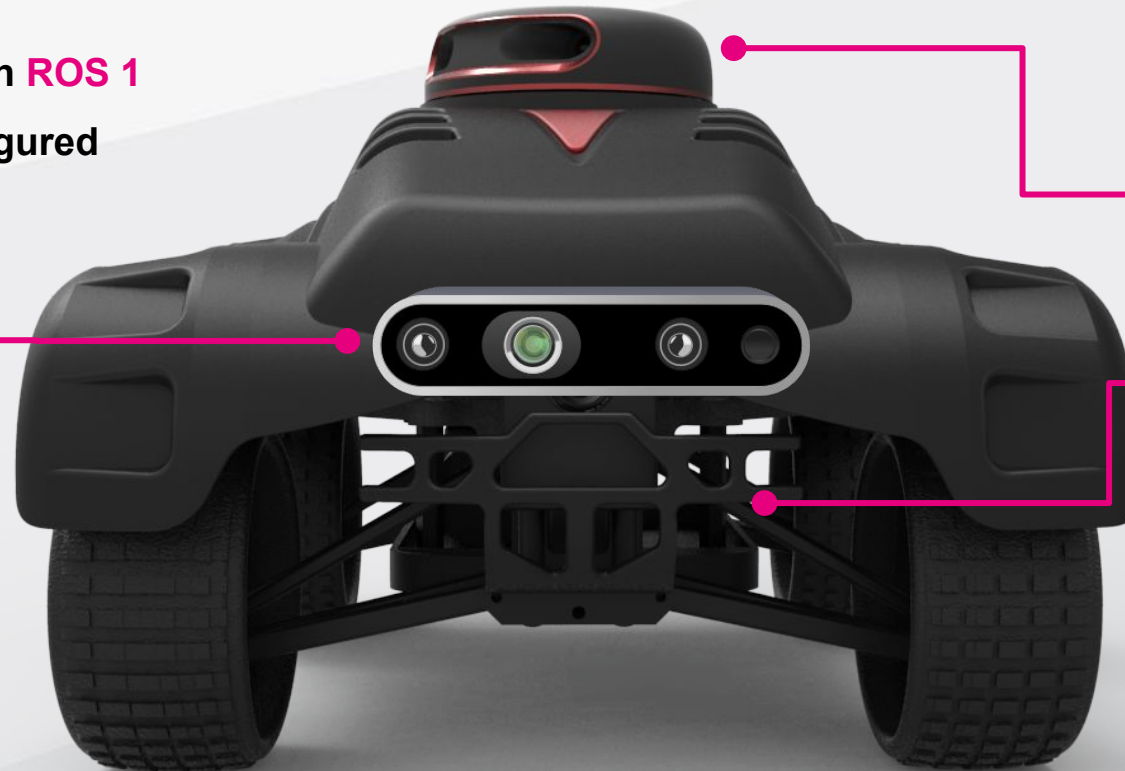# Hamster By Cogniteam
Smart, Small R&D Robot

cogniteam

Thank you for showing interest in Hamster ROS robotics development platform. Hamster is a small, smart, indoor robot that can help you achieve your R&D objectives **easily** and **quickly**.

Specifications

- **Motor Encoder** for increased accuracy
- Hamster comes with **PID controller**
- **Small** & **Lightweight**
- Open development platform with **ROS 1** & **ROS 2 pre-installed** and configured

2D LIDAR (360 degrees)

RealSense depth camera

Ackerman steering

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Specs	Hamster V8
Compute	Raspberry PI 4
Depth Camera	RealSense D435i
Motor Encoder	✔
IMU	Streamed from RealSense
Lidar	2D lidar, 360 degree (12m)
Replaceable Battery	✔
Battery Capacity	2200mAh
Dimensions	25L x 20W x 15H
Weight (Kg)	~1.5

nimbus

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All Hamsters delivered with ROS drivers & Nimbus environment **pre-installed.**

Nimbus (**www.cognimbus.com**) cloud based platform has been designed to address current robotic development challenges and aims to offer a seamless **drag-and-drop experience** to allow **rapid development** of robots, deployment, robot fleet management and teleoperations. Nimbus is a **one-stop-shop** for managing a robot full life-cycle.
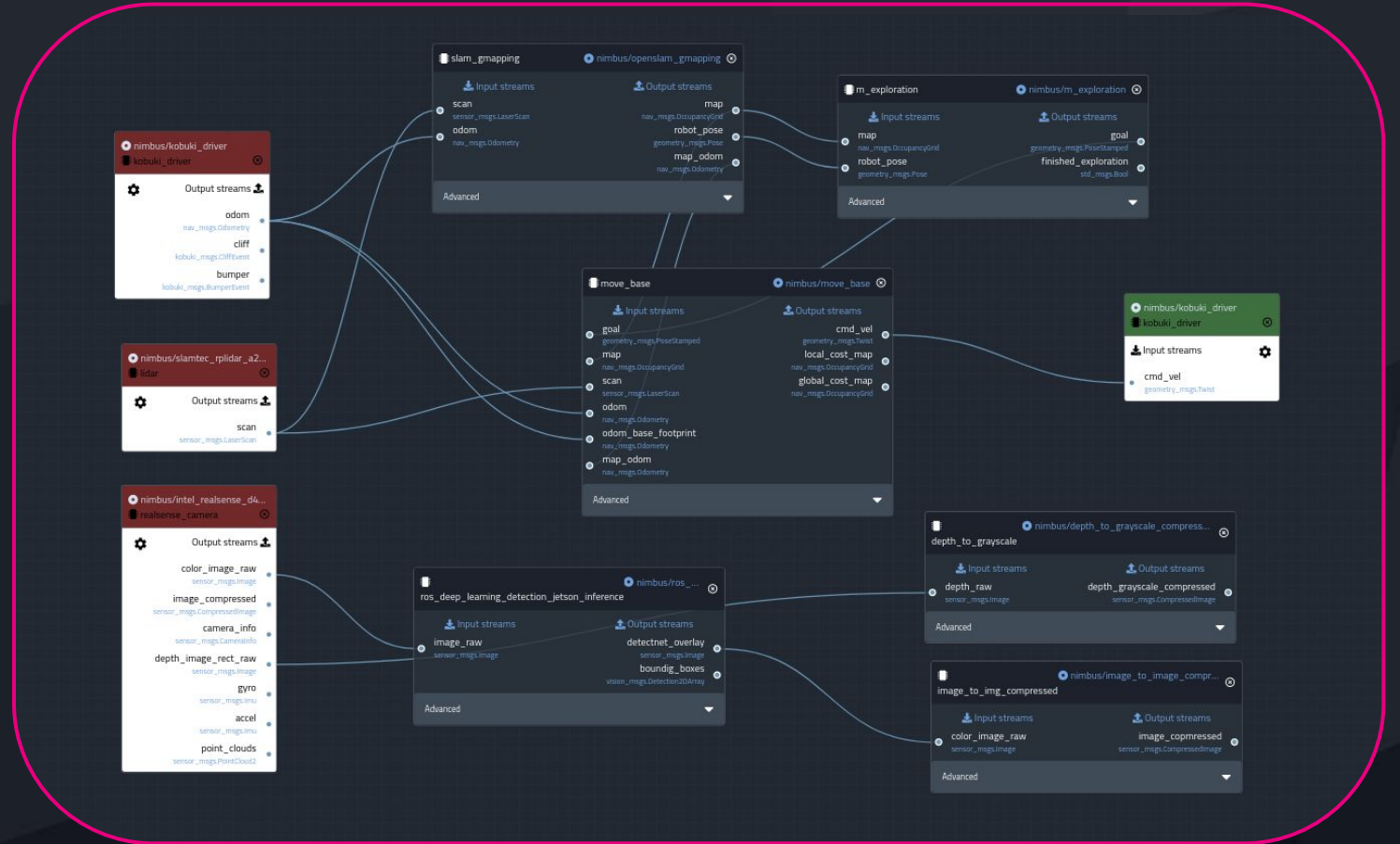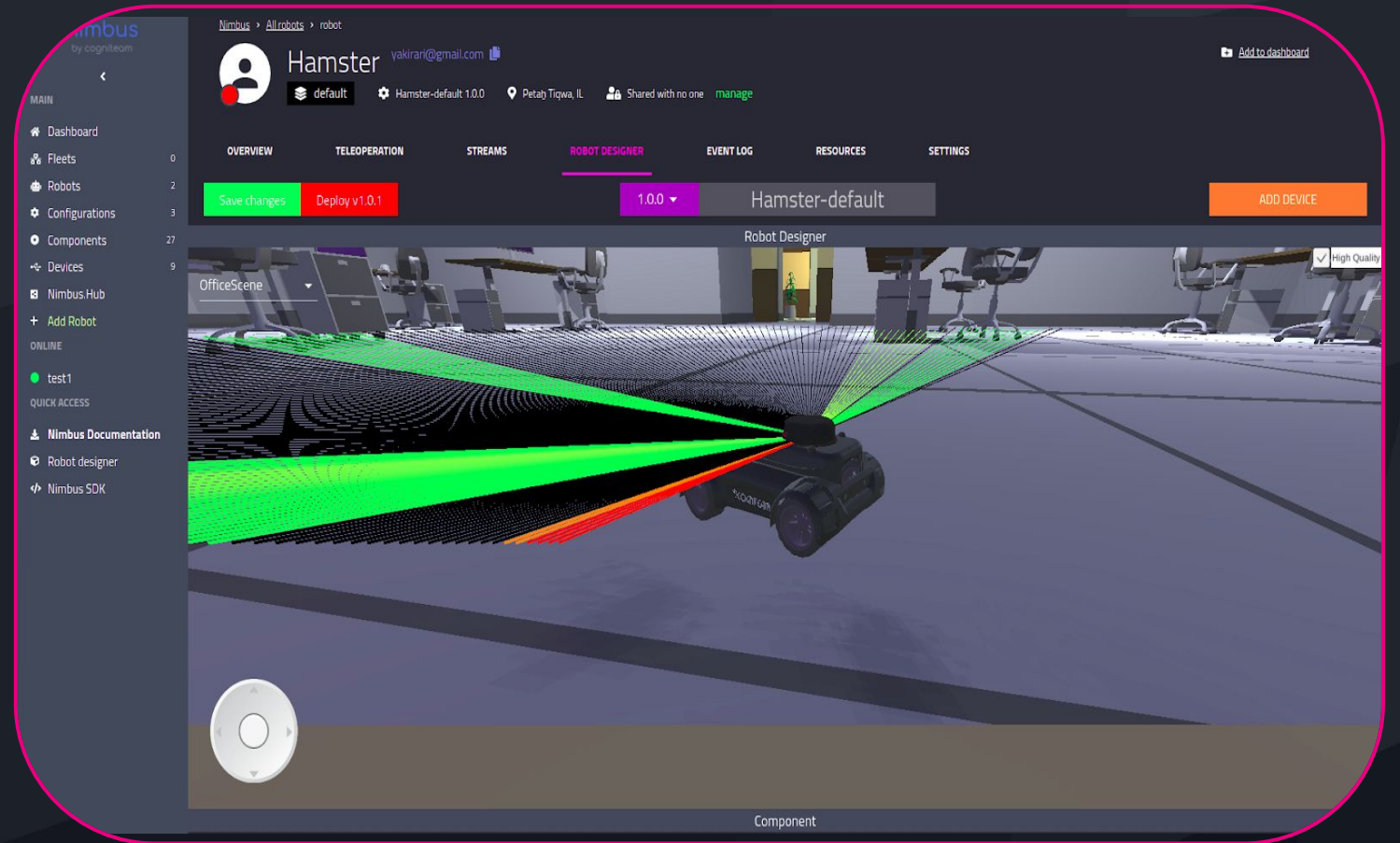

Drag, Drop and deploy ROS components

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*A one-year free standard license for cloud development on Nimbus is included.

(Nimbus does not limit by any means the development on the robot and can be uninstalled at any time leaving the robot fully functional through ROS).

Click here to view Nimbus tutorials (www.cognimbus.com/tutorials).

Run your code on a simulated Hamster, on the browser using Nimbus

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