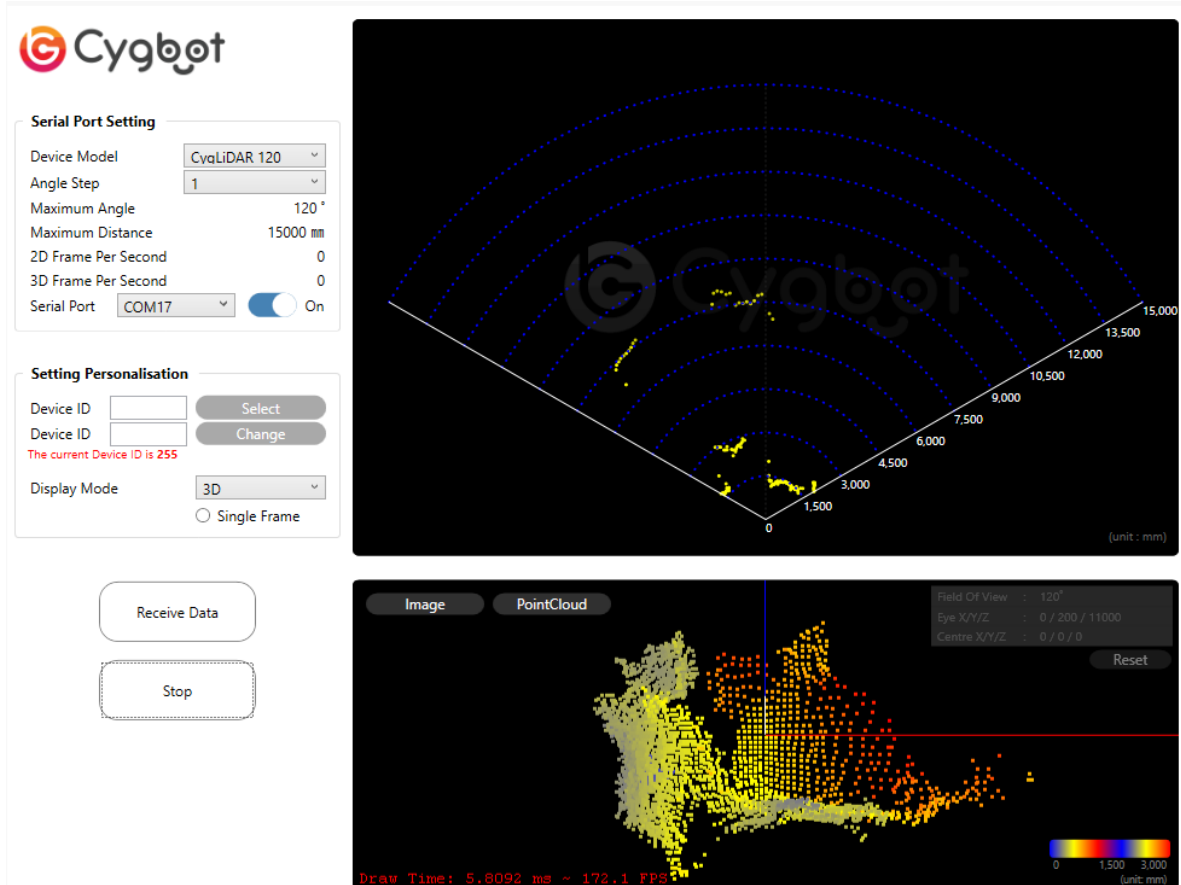


○ 2D/3D Dual Solid State ToF LiDAR

○ Specification

Detection Range	2D : < 10.0 M 3D : < 2.0M
Distance Accuracy	< ± 1 %
Field of View	2D : 120 deg 3D : H120 , V45deg
Resolution	2D : 1 deg 3D : 160 x 60
Measurement Speed	2D : 20 Hz 3D : 10Hz



○ 2D/3D Dual Solid State ToF LiDAR

● Conventional product

– 360 deg. LiDAR module

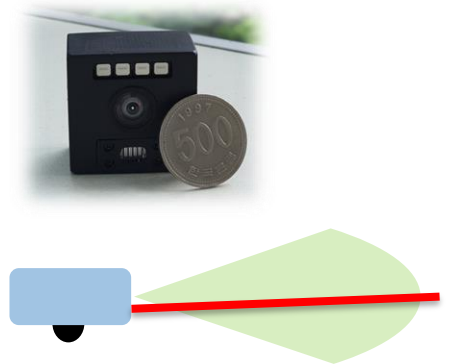


- Noisy and vulnerable to impact due to motor
- Low sampling rate
- (5 to 7 Hz)

VS

● 2D/3D Dual LiDAR

– **CygLiDAR**



- 2D / 3D Dual LiDAR
- Map-building and Obstacle avoidance
- Fast sampling rate
- small module **without motor** (suitable for small mobile robots)
- Price competitive advantage





Cygbot

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