Pupose-built robot and third-party robot navigation retrofitting services

dConstruct
ROBOTICS
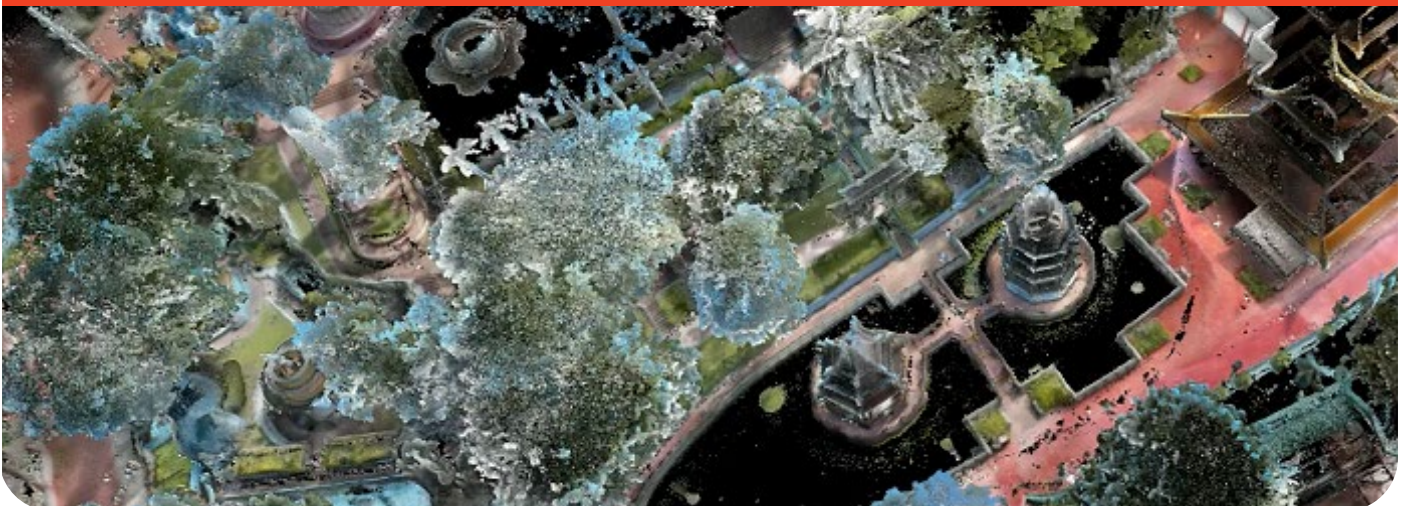
d.ASH-ER

d.ASH-ER

Introducing d.ASH-ER, the purpose-built robot that performs multiple functions. Its advanced sensors and cameras inspect and monitor environments, identify potential issues, efficiently transport goods and supplies with care and precision.

Its friendly demeanor and interactions make it an ideal addition to any office or building, enhancing the overall customer experience. With its sleek design and advanced capabilities, d.ASH-ER streamlines processes, increases productivity, and enhances the customer experience.

20 mm
172 mm
683.5 mm
757 mm
Camera Window (300 mm upper)
DYP Ultrasound (200 mm upper)
Camera Window 300 mm upper

- Auto-drive
- 3rd Party Sensor Integration
- Tele-operations
- Towing Capability
- 360 Environment Scan
- Expressive Robot Face
- Broadcast Sound & Light
- Speech Recognition

Last-mile Delivery

Improve last mile delivery by reducing delivery times, increasing efficiency, and reducing the need for human intervention. d.ASH-ER with state of art navigation software, delivers accurately and safely.

Safety & Security

d.ASH-ER equipped with cameras and sensors can improve safety and security by providing enchanced capabilities of inspection, detection and response to various threats and emergencies.

Mapping on-the-go

Reality capture on-the-go enables robots to adapt to changing environments, avoid obstacles, and perform tasks such as management and inspection. It's ideal for industries with constantly changing environments where quick, accurate decision-making is crucial for efficient operations.
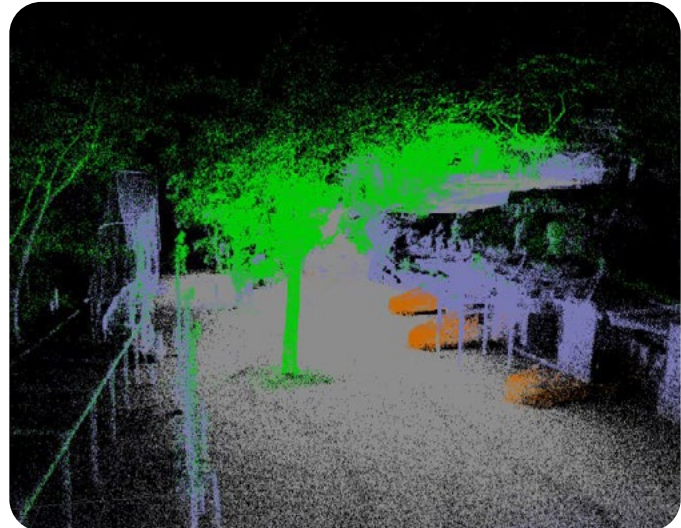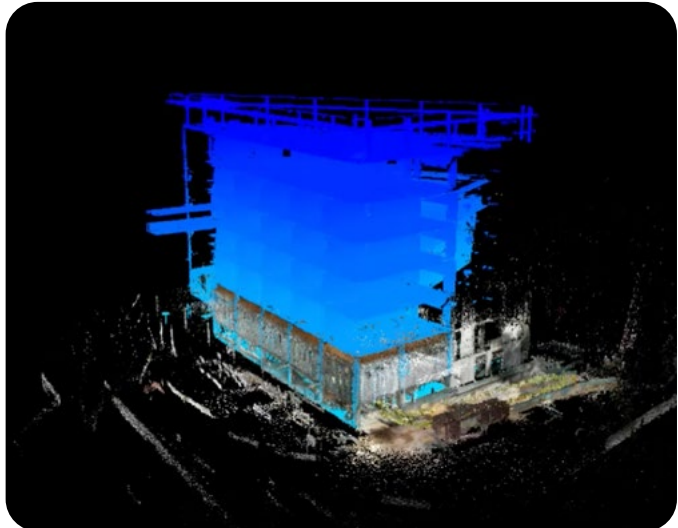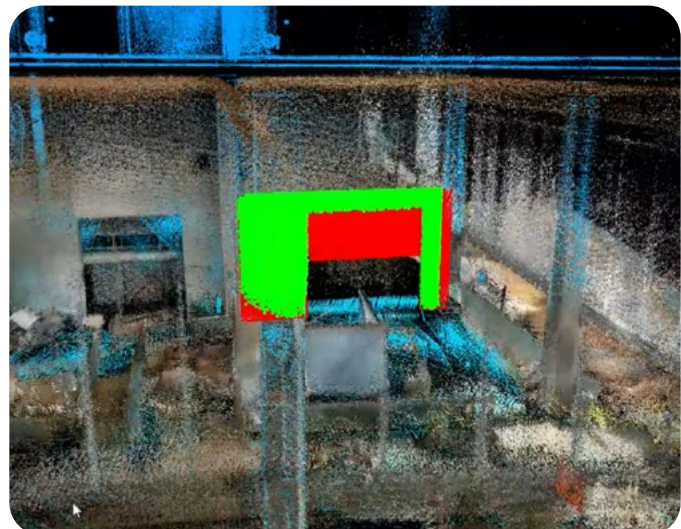
FEATURES
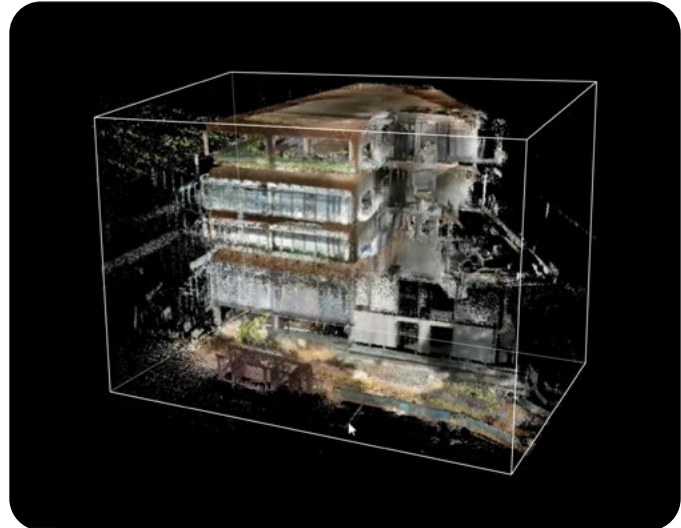
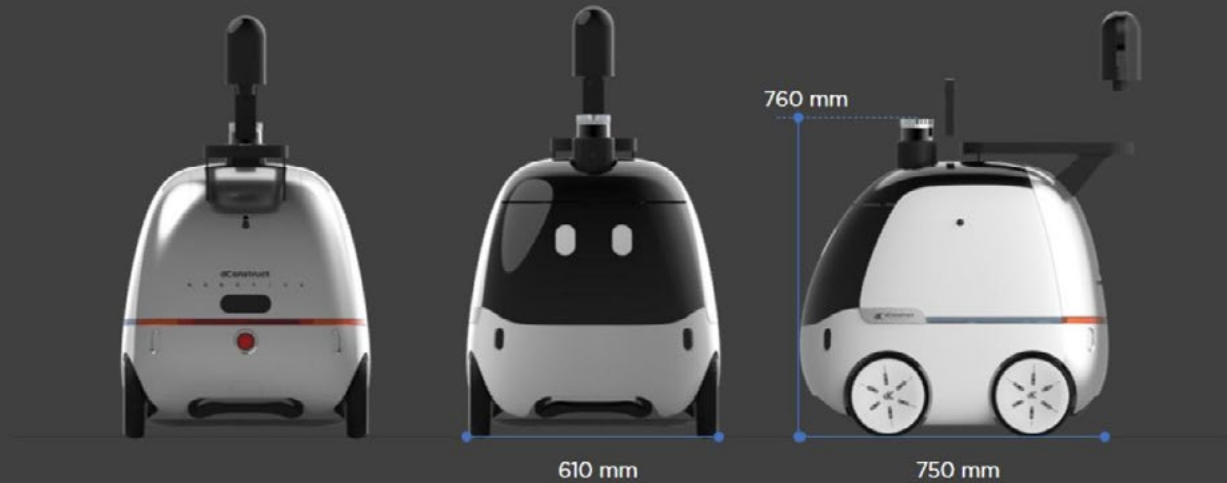**Volumetric Measurement**

Live Streaming

Object Segmentation

Change Detection

Compare with BIM

Follow-Me Feature (Option)

760 mm

610 mm

750 mm

Core Specifications

Weight:	30kilograms
Operation Hour:	5Hours

SPEED

Speed:	Up to 1m/s
Rated Travelling Load:	10kg

POWER REQUIREMENTS

Voltage:	220V AC
Charging Time:	3.5Hr
Battery:	48V 15Ah
Power Output:	500W
Charging Input	220VAC/300W

Motion:	Differential Wheeled Robot
Remote Control:	2.4GHz ISM, distance ≤200m

SAFETY

Water Resistance:	IP22
Emergency Stop Buttons:	1
Collision:	Front+rear anti-collision rod

Communication Interface:	RS232

dConstruct
R O B O T I C S