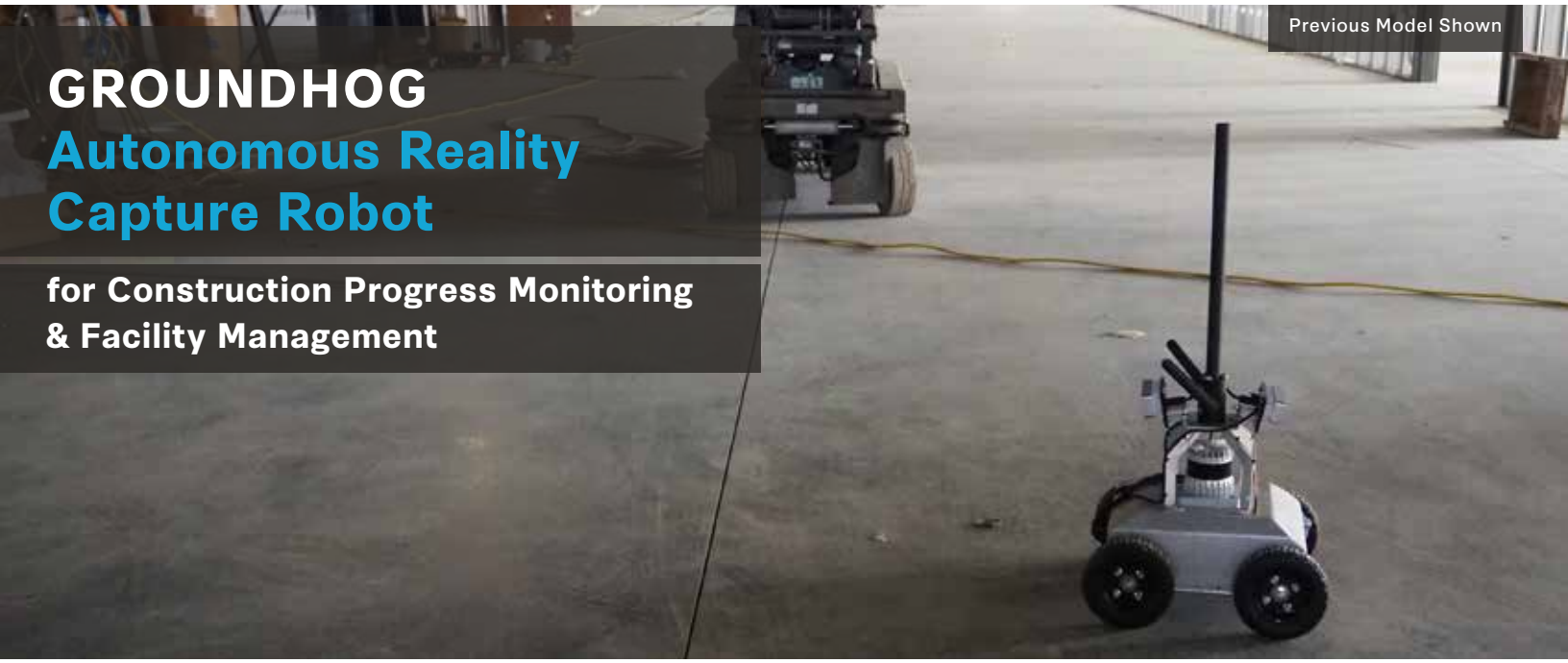
SuperDroid Robots

www.SuperDroidRobots.com



GROUNDHOG
Autonomous Reality Capture Robot

for Construction Progress Monitoring & Facility Management

Remove the pain and time it takes to "capture" reality. No more bulky tripods, hard hat cameras, or spending hours traversing a jobsite.

Applications

UNMANNED 360° DATA CAPTURE
Plan your route's waypoints and hit "go" to let the robot capture all the 360° images & videos you need.

EASY IMPORT TO APPLICATIONS
Upload the 360° pictures and videos to most reality capture programs, including Drone Deploy.

INCREASED EFFICIENCY
Nearly eliminate the time it takes to regularly document a jobsite and provide more consistent captures.

ENSURE PRIVACY
Run the robot after hours and on weekends when work crews are not working to ensure worker privacy.

CONSISTENCY & FREQUENCY
Using a robot improves the frequency of your scans to better track changes and look for discrepancies.

SUPERDROID ROBOTS

919.557.9162 SDR@SDRobots.com 280 Shuman Blvd, Suite 108, Naperville, IL, USA 60563

Due to a policy of continuous innovation, SuperDroid Robots reserves the right to change specifications and appearance without notice.

VERSION 100324

SuperDroid Robots

www.SuperDroidRobots.com

Key Features

- Durable design for tough environments like construction sites and industrial facilities.
- Dynamic remapping for changing environments.
- Autonomous charging.
- Compact size navigates paths 1m and larger.

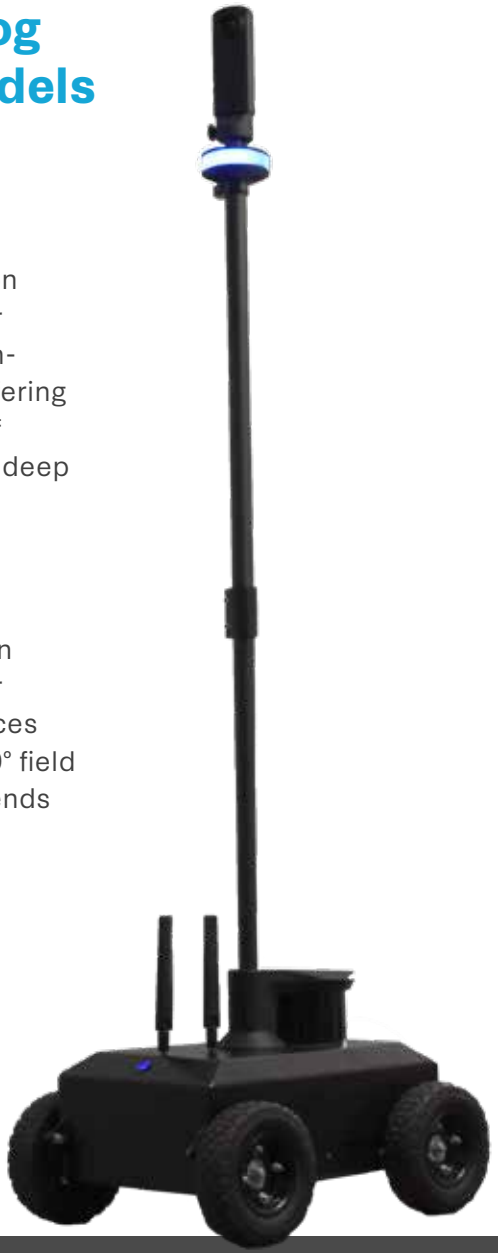
Groundhog Gen 3 Models

Standard

Stereo navigation camera, best for small to medium-sized spaces offering a field of view of 120° wide, 2.5m deep

Pro

LiDAR navigation camera, best for large, open spaces with a wider 330° field of view that extends 20m deep



Specifications

Hardware		
	Standard	**Pro**
Dimensions (L x W x H)	17.9″ (46cm) x 14.3″ (36cm) x 55″ (140cm)	
Weight	30 lbs	
Ground Clearance	2″ (5cm)	
Chassis	Anodized Aluminum Body	
Wheels	Rubber Wheels	
Average Speed	3 MPH / 4.8 KPH	
Control Method	Autonomous or Direct Drive	
Battery Type	Internal with Autonomous Charging	
Charging/Base Station	1 Included Additional Base Stations Available.	
Runtime	6 hours	
360° Camera	Ricoh Theta Z1 Camera Included	
Computer	NVIDIA Jetson Orin	
Navigation Camera	Stereo	LiDAR & Dual Stereo
Case	Included	
Functionality		
# of Routes/Floors	1	
# of Waypoints	Unlimited	
Dynamic Remapping	Yes	
Obstacle Avoidance	Included	
Travel Direction	Forward	Forward, Reverse
Field of View	120° wide, 2.5m deep	330° wide, 20m deep
Integrations		

Drone Deploy in Development
Manual import to other applications including OpenSpace and Matterport

SUPERDROID ROBOTS

919.557.9162 SDR@SDRobots.com 280 Shuman Blvd, Suite 108, Naperville, IL, USA 60563

Due to a policy of continuous innovation, SuperDroid Robots reserves the right to change specifications and appearance without notice.

VERSION 100424