

Halo

Outdoor Security Robot by KABAM

Security, Surveillance, and Facility Inspection



Product Overview

Experience the future of security and surveillance with Halo, the ultimate choice for outdoor security inspection.

Halo operates seamlessly for precise navigation and optimal performance, enabled by a comprehensive sensor array. With a robust all-terrain drive system, Halo can effortlessly traverse rugged and uneven landscapes with remarkable adaptability and resilience. Plus, a weather-resistant shell guarantees uninterrupted operation in various weather conditions, including rain, wind, and high temperatures.

Halo captures extensive data for comprehensive surveillance and sophisticated analytics. Equipped with sirens and strobe lights, Halo creates heightened visibility with a commanding surveillance presence.

Key Benefits

Continuous 24/7 Monitoring, Outdoor Mobility, and expanded surveillance, force multiplier for security personnel, Improved safety

Functions/Features

- Autonomous Navigation System
- 6- 8 hours* Battery Life
- Static and Dynamic Obstacle Avoidance
- Self-Recharging Capabilities
- 360-degree Video Streaming
- Private LTE/5G connectivity

Smart+

- Live Observability Tools
 - Camera and LIDAR Feeds
 - Health Data/Metrics
- Remote Over-the-air Intervention
- Scheduled and Ad-Hoc Patrol Task Execution
- Real-time System Alerts
- State-of-the-Art User Interface
- Smart video analytics detect unattended objects, overflowing bins, faulty lights
- Integrates with existing security operations platforms.

Trilogy NextGen is an authorized distributor of the Halo Outdoor Security Robot by KABAM. Our mission is to reimagine connectivity, delivering simple, reliable and secure networks that enable differentiated experiences.

Product Specifications



Description	Parameters
Dimension (L x W X H)	1167mm x 760mm x 1300mm (45.9in x 29.9in x 51.1in)
Weight	115kg (253.5lbs)
IP Protection	IP55
Camera	4 x 5MP, 2.8mm focal length (360° visibility, low-light vision*) 1 x downward-facing depth camera 1 x rear-facing depth camera
Speaker	2 x 30 Watts (86 dB)
Drive	4 Wheel Drive (Differential Steering)
Ground Clearance	120mm (4.7in)
Climbing Ability	< 15 degrees
Turning Radius	0 (Robot is able to turn on a pivot)
Battery	25V, 60AH
Operations Hour Per Full Charge	6 – 8 hours**
Charging Time	~ 3 hours
Operation Environment	-10°c - 45°c (14°f - 113°f)
RC Transmitter	2.4G/ extreme distance 1km (0.6mi)
Speed	Up to 1.5m/s (4.9ft/s)
Thermal Sensors (optional)	Spectral Range: Longwave infrared, 8µm to 14µm Effective Frame Rate: 8.7 Hz Thermal Sensitivity: <50 mK (0.050° C)
Smoke Sensors (optional)	Sensitivity: 0.08-0.2 db/m
Screen (optional)	13.7" Android Tablet Computer (IP65)
Battery Upgrade (optional)	25V, 90 or 120 AH