



Autonomous security
patrol robot.

www.otsaw.com





Safeguard your Future with O-R3

Powered by patented 3D SLAM based navigation technology, OTSAW's security robot O-R3 is able to patrol streets, pathways and open spaces, avoid static and dynamic obstacles, and return-to-base when its energy runs out.



Increased
Productivity at
Reduced Cost



24/7
Physical
Presence



Enhanced
Security
Operations

Sensors + Cameras

With HD cameras, 360° view of computer vision, and a wide range of sensors, OTSAW O-R3 is able to capture, record, and process a vast amount of information.





Human-Robot Collaboration

The data is provided to your security team 24/7 in real-time, and always available in the cloud for later review, allowing optimal understanding and decision making in any situation.

The O-R3 also records patrol and operations data on-board, ensuring no data is lost in the event of unreliable communications network.



AI to Prevent Crime

The data gathered by cameras and sensors of OTSAW's security robot is processed in real-time.

Computer vision with advanced machine learning based surveillance technology, alerts your security guards at the command centre of anomalous situations, enabling them to take appropriate counter measures as necessary.

O-R3 Key Features



Higher Productivity

- The O-R3 operates 24/7 boosting the reliability and productivity of your security operations
- The O-R3 can fulfill night patrols which tend to be challenging for humans



Enhanced Security Operations

- Real time alerts, and context specific alarms raise the awareness level of your security team, enable them with decision making tools
- Resulting in a steep improvement of the overall risk management of your operations



24/7 Physical Presence

- Round the clock mobile patrolling can augment your network of static cameras to provide a more complete view of your area of operations
- The O-R3 can operate in a wide range of environments, presenting a physical presence to help deter crime

O-R3 Specifications

Mobile Surveillance

- 360° video with live streaming capability (day and night)
- Recorded video
- Anomaly detection (people, bags, vehicles)

Endurance

- 6 hours continuous operation
- Battery level monitoring and return-to-base for charging

Autonomous Navigation

- Multi-sensor fusion
- Intelligent path planning
- Dynamic obstacle avoidance

Communications

- WiFi (primary)
- 4G LTE (secondary)





Robot as a Service (RaaS)

At OTSAW we offer our security and surveillance service on a subscription base to help you reduce time to benefit and be more flexible. RaaS allows you to enjoy a state of the art quality service and a seamless customer experience from setup to deployment and operations.

Your contract includes setup, training, maintenance, and software updates to make sure OTSAW O-R3 is always at top performance at all times.



Lower
upfront cost



Full support &
maintenance



Free updates
& upgrades

Responsible Innovations



OTSAW



TRANSCAR

Automated Guided
Vehicle for Material
Transport

T-REX

Multi-use Portable
UV-C LED
Disinfection

QRX

Autonomous
UV-C LED
Disinfection

Camello

Autonomous
Last-Mile Delivery

QR3

Autonomous
Outdoor Security



www.otsaw.com
sales@otsaw.com

