

# NEON

NEW-GENERATION INDOOR SECURITY ROBOT



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NEON is a cutting-edge indoor security robot designed for modern commercial spaces and key protection areas. It revolutionises security systems with its advanced AI, sensors, cameras, and autonomous navigation. Equipped with AI-powered vision analytics, NEON collects vital data, detects hazards, and performs tasks ranging from routine patrolling and real-time threat detection to crowd monitoring, emergency response management, and access control. Additionally, it features a high-definition screen for advertising and messaging purposes.

With AI-driven technology, NEON enhances safety and intelligence in corporate security, public safety, and the protection of critical infrastructure.

## KEY FEATURES



### AI-Powered Vision Analytics:

Real-time Detection and Interdiction  
Using Generative AI



### Safeguard Against Emerging Threat:

Cyber-hardened Physical and  
Network Security Architecture



### Smarter and Safer:

Next-level Navigation Powered  
by Contextual Autonomy



### Heighten Situational Awareness:

No blind spots with 360° view even in  
low light conditions



### Fleet Management System (FMS) Integration:

Centralised Real-time Monitoring  
Management of Robot Fleet



### Smart Diagnostics:

Integrated Health & Usage Monitoring System (HUMS)  
Data Analytics



### Smooth Transition Across Multiple Floor Types:

Moves smoothly and quietly across hard and soft  
flooring surfaces



## APPLICATIONS

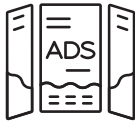
### Key Protection Areas: Airport Terminals, Depots, Ports



### Commercial Spaces: Hotels, Shopping Malls, Offices, Healthcare Institutions



Surveillance



Dynamic Signages



Emergency Response



Facility Inspection



Concierge

## TECHNICAL SPECIFICATIONS

<b>Dimensions (L) x (W) x (H)</b>	600mm x 450mm x 1500mm
<b>Weight</b>	120kg
<b>Cybersecurity</b>	Yes
<b>Speed</b>	Up to 5km/h
<b>Camera</b>	Low LUX 360°
<b>Intercom</b>	Yes
<b>Battery</b>	4 Hours Continuous Operation Without Charging
<b>Screen</b>	Interactive Touch Screen (Top) / LED Display (Bottom)
<b>Operational Capabilities</b>	<ul style="list-style-type: none"> <li>Patrol &amp; Surveillance</li> <li>Parking Enforcement</li> <li>Crowd Control Public Address System</li> <li>IoT Ready</li> <li>Multi-role Capability - Safety &amp; Service</li> </ul>



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