

Linkage-Suspension Equipped Robot

New suspension system for superior outdoor mobility

Early Prototype

Launch in 2027



MAX 50mm



* Currently under field testing on Outdoor Security Robot

Features

- ✓ Achieving high terrain performance with Pantograph-Linkage-Suspension

Step : MAX50mm / Slope : MAX10°

- ✓ Robot Platform with Linkage-Suspension scheduled for market launch in 2027

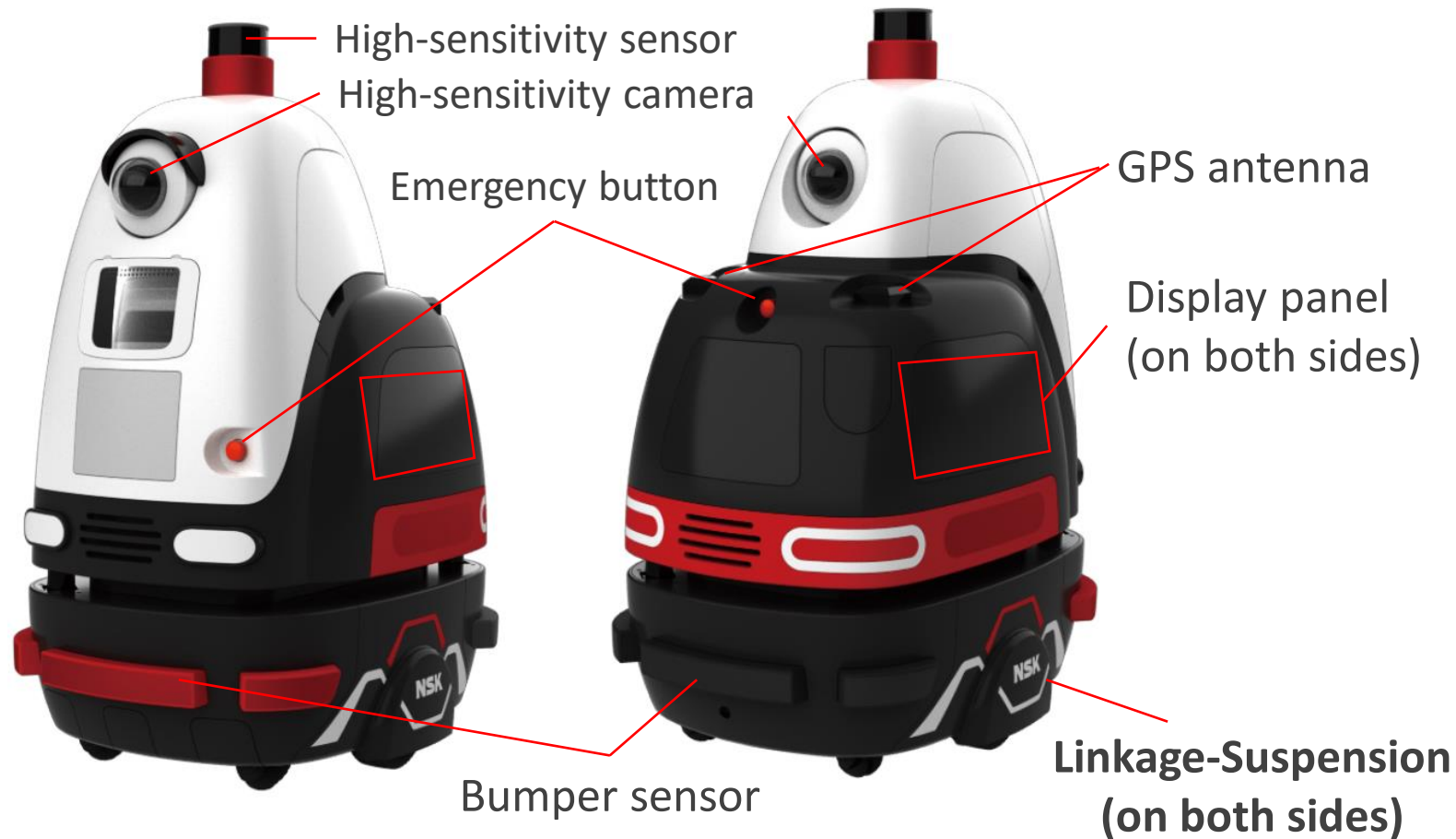
Why NSK ?

- ✓ Applying NSK Bearing and Analysis Technologies
- ✓ NSK Core Technologies enable Service Integration for Customer-Focused solutions

Linkage-Suspension Equipped Robot



NSK has started field testing an outdoor security robot at Osaka Ibaraki Campus in collaboration with Ritsumeikan University, using their Living Lab and security expertise.



Robot Components



Scene from the field testing

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