GEKO

UNMANNED GROUND VEHICLE

GEKO is an Unmanned Ground Vehicle which is used for reconnaissance and surveillance missions in caves, urbanized terrains, multistorey buildings and plains, during daylight and nighttime.

- **SPECIAL FORCES**
- **LAW ENFORCEMENT FORCES**
- **COMMANDO UNITS**

and other military units.

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smart robotechnologies

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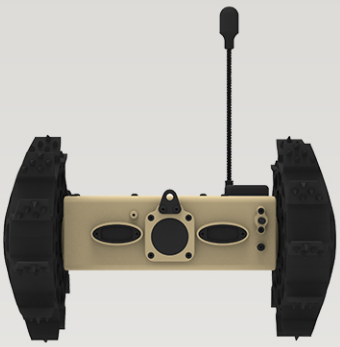
QR CODE SCAN ME

Unmanned Ground Vehicle

GEKO

Features



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With the onboard camera unit integrated in its chassis, the vehicle provides an indoor and outdoor surveillance around-the-clock.

In addition to its capability of operation in line of vision and beyond; GEKO can easily be attached to the operator's rucksack thanks to its compact design.

With its present equipment, GEKO can easily pass over obstacles with the height of 5cm in off-road areas. Also, it has a fording depth of 10 cm.

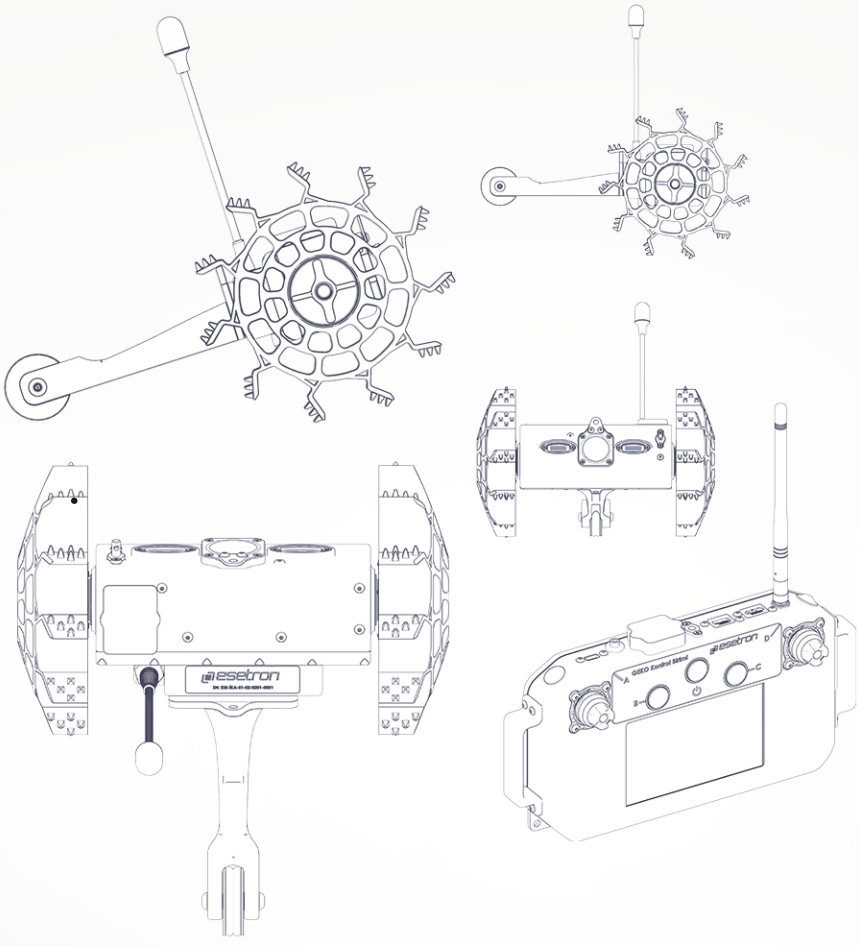
As it can correct its own orientation in case of an overturn, GEKO can maintain its direction autonomously as well.

Besides being able to show its direction to Remote Control Unit thanks to the onboard sensors, GEKO provides easy direction determining for the operator, thanks to its ability to head towards any saved direction.

Thanks to its LED and IR illuminator, GEKO allows better camera vision in dark environments.

GEKO allows audio surveillance by transferring the sound captured by onboard microphone to Remote Control Unit.

GEKO eases the operator's job thanks to its motion detection ability on surveillance mode.



Dimensions	29x25x16 cm
Weight	1500 g
Speed	5 km/h
Incline Climbing	%60 (Vertical) - %30 (Horizontal)
Obstacle Climbing	5 cm
Camera	1 color camera
Camera Angle of View	110° Horizontal – 90° Vertical
Lighting	LED and IR LED
Sound Transfer	Unidirectional
LOS Communication Distance	150+ meters
NLOS Communication Distance	50+ meters
Operation Time	In Travel Mode: 3 hours In Surveillance Mode: 5 hours
Charging Time	2 hours
Maximum Height of Drop	6 meters (Vertical) – 20 meters (Horizontal)
Operating Temperature	(-20° C) – (+50° C)
Storage Temperature	(-30° C) – (+60° C)
IP Rating	IP 65
Military Standards	MIL-STD-810G Method 501.5 Procedure I MIL-STD-810G Method 501.5 Procedure II MIL-STD-810G Method 502.5 Procedure I MIL-STD-810G Method 502.5 Procedure II MIL-STD-810G Method 506.5 Procedure I MIL-STD-810G Method 510.5 Procedure I MIL-STD-810G Method 512.5 Procedure I MIL-STD-810G Method 514.6 Procedure I MIL-STD-810G Method 516.6 Procedure I