



MG-500

Surveillance Robot

The surveillance robot MG-500 is based on the MP-S500 but is equipped with an sophisticated sensor head. This enhancement creates a system that provides a breakthrough in surveillance solutions by adding the possibilities of modern robot systems

More than fully automatic patrols.

The MG-500 can patrol according to pre-programmed routes while simultaneously transmit live camera images to the control center. Its versatile sensors can scan movements and individuals within an area up to 60m in diameter. In addition, a patrolled area can be compared to its normal condition and, with suitable equipments, the presence of marked objects or exhibits can be verified.

In case of alert, the MG-500 will inform the control center via WLAN / Internet or SMS and then operates as a fully-fledged telepresence system with remote control, live-camera and full-duplex communication. The MG-500 will save information such as camera images and communication details in its data storage.



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Technical Data

Dimensions	814 x 592 x 548 (LxWxH)
Weights	Platform weight: approx. 80 kg / payload: approx. 80 kg
Drive system	Differential kinematic, 2 maintenance-free servo-motors with precision gearboxes
Platform speed	1.5 m/s
Battery capacity	approx. 10h
Sensors	1 x 2D laser scanner, 5 x ultrasonic sensors
Control	External PC (WLAN), on-board computer (keypad, LCD)
Options	Infrared camera, connection to house alarm system

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