Facts and Figures

Notably certified to ISO 13482 standard for safe operation around people and performance tested under conditions of the MIL-STD 810. The Sharp INTELLOS A-UGV is a programmable, self-directed robotics system. This autonomous robot represents the next frontier in outdoor security.

Ruggedized design and tested for safety.

Virtual, autonomous operation for up to 3 touring shifts daily according to battery life. *NOTE: Depending on speed, terrain, and accessory usage, battery life could last between four to twelve hours per charge.*

Integrated camera system documents and stores the entire guard tour with multiple video technologies.

Drive train has all electric, independent brushless motors.

Multi-tiered safety features include obstacle detection sensors, ultrasonic sensors and four-sided bumpers with pressure-sensitive stop switches.

Wireless transmitter (transceiver) securely sends sensor data across a mesh network to the command center's PC/server, preinstalled with Sharp's Command and Control Application Software (CCAP).

MultiRAE gas and radiation instruments can monitor up to 5 of 29 potential threats.

Wireless network security is addressed with 128- or 256-bit data encryption, provided by the A-UGV's built-in VPN (virtual private network) router and in the CCAP system.

Exacting navigation platform, developed by Sharp, uses GPS and RTK (real-time kinematic) to provide highly precise, accurate positioning for the A-UGV.

Sharp Service Program includes 3-year onsite service, periodic maintenance, remote support, and onsite and online training.

AXIS® PTZ Dome Camera sits
atop an adjustable-height boom.

SHARP INTELLOS™ A-UGV

SHARP Global

SHARP USA

SHARP History

Robolliance

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