

SPOT X-DIS

INNOVATIVE DISRUPTOR INTEGRATION FOR SPOT RUNNING ROBOTS

IDENTIFY AND DISARM

The agile Spot walking robot from Boston Dynamics is part of the latest generation of mobile remote-controlled robots and sets standards in terms of its impressive mobility and autonomy.

It masters stairs and uneven terrain with ease and always ensures stability and walking safety. Equipped with active stability control and integrated collision avoidance, Spot can also actively avoid obstacles.

The development of the unique disarmament-specific Spot X-DiS accessory now extends the application possibilities of this versatile system to the field of bomb disposal.

READY FOR USE IN JUST A FEW MINUTES

This patented disruptor integration development, consisting of a variably attachable disruptor holder, an innovative laser aiming device with radio ignition system, a chassis system box and a robust transport and storage case, is ready for use in just a few minutes.

Operators have full control at all times using a portable controller tablet and can precisely assess the threat situation.

FLEXIBILITY AND REACH

The unique Disruptor Integration Spot X-DiS can either be mounted directly on the Spot walking robot or used with the robust gripper mount to achieve better reach in specific areas.

Thanks to the enormous flexibility of the Spot arm, potentially explosive objects can be located and defused even in hard-to-reach places such as aircraft luggage racks, vehicle underbodies, niches, pipes, etc....



INNOVATIVE FEATURES

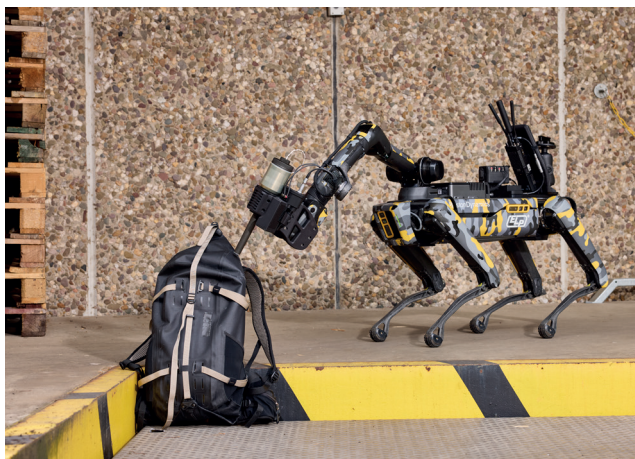
- Patented laser aiming device for precise aiming
- Automatic target recognition
- Fully integrated FOG radio ignition system
- RE12 grapple mount
- RE70 rear mount
- RAM mount (chassis system box)
- HD gripper cam

RELIABLE CONTROL EVEN WITH POOR SIGNAL PROPAGATION

The separately available MPU5-MANET from Persistent Systems enables reliable operability even in environments with poor signal propagation, such as tunnels or urban terrain.

MAXIMUM SAFETY THROUGH STATE-OF-THE-ART DEVELOPMENT

The combination of innovative ELP development, state-of-the-art remote control and reliable disruptor technology significantly reduces deployment times and ensures greater safety in potentially dangerous situations. The Spot X-DiS solution therefore represents a significant improvement in operational scenarios where safety, mobility, autonomy and reliability are required.



TECHNICAL DATA

Aiming system	Laser cross line/laser rangefinder*
Compatible disruptors	Chemring RE12G/RE70/M5 Hornet (others already in testing)
Ignition system	FOG (RCV-integrated)
Communication	Boston Dynamics CORE I/O Persistent Systems MPU5 (sold separately)

*Laser products: Class 3 eye-safe according to IEC 60825-1:2007 & 2014