

WHAT CAN A QUADRUPED ROBOT DO TO ENHANCE SECURITY?

Despite the \$3 billion that schools put toward security annually, there have been over 20 mass killings in schools since 1990. Change must be initiated to put a stop to this pattern of increasing danger in schools.

Common security measures currently include facial recognition software, automatic door locks, video surveillance and identification systems. These systems are designed to prevent intruders from entering schools, but they do not take measures to stop assailants.

This is where Stokes Unitree Quadruped Robots are different. These robots are designed to educate students as well as protect students, staff, administrators and teachers.

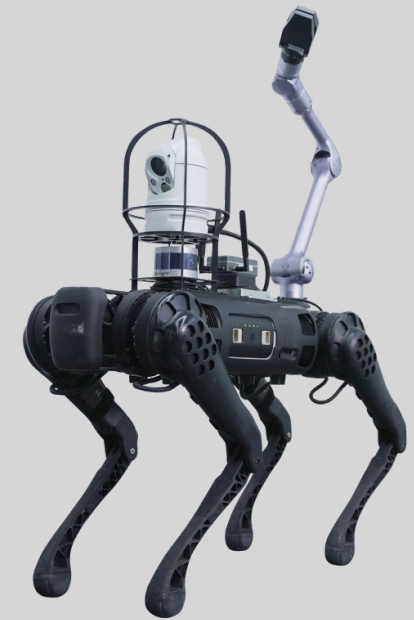


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STOKES EDUCATION

QUADRUPED SECURITY PACKAGES





STOKES SCHOOL SECURITY PACKAGES

In addition to the security functions that allow the robots to increase safety in schools, the Stokes Unitree Quadruped Robotics Packages provide a unique educational opportunity for students, allowing them to learn from hands-on experience developing solutions with the robot.

What Will Students Learn?

- Programming
- Engineering Design
- The Engineering Process
- Robotics
- Wireless Communication
- Further STEM Concepts

SYNTHESIZING SECURITY AND EDUCATION

We work to eliminate the need for a decision between educating students and protecting them.

SECURITY FUNCTIONS OF THE QUADRUPED ROBOT

Video Monitoring

- Capture video footage to be monitored by teachers, school SRO, and law enforcement with on/off control as needed

Communication Capabilities

- Provide channel for law enforcement and school administrators to remotely communicate with persons in the vicinity of the robot

Intruder Confrontation

- Can run up to 10.5 mph at, and into, intruder(s)
- Engage intruder(s) using nonlethal force
- Smoke screens, flash bangs and similar equipment can be installed
- Disorienting an intruder's senses, causing distractions, and creating extended time for safety measures