



The HazProbe is a robotic boring and inspecting device that mounts to various mobile platforms, drills holes through suspect containers, vehicles, and walls, automatically ejects the drill bit, and extends an in-shaft self illuminating pan and tilt surveillance camera to safely and remotely view potential threats. It is also an excellent camera for looking into tight spaces, under vehicles, around corners, and providing depth perception views of the robot's gripper.



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Imagine a suspect vehicle at an airport or shopping mall. You can't move the vehicle, and time is against you. How do you get a visual appraisal of the situation without risking the lives of security personnel? Answer: The HazProbe.

With the HazProbe mounted to WM Robots' **KNIGHT** or other robust mobile platform, drive the mobile robot to the suspect vehicle, extend the robots manipulator arm with the HazProbe to the target area, and activate the HazProbe. The HazProbe will automatically start inching forward, sensing when to drill and when it has finished boring through the vehicle's sheet metal. Once drilling is complete, the drill bit automatically ejects, and the in-shaft Pan & Rotate surveillance camera, color or near-infrared, with its self-illuminating LED ring extends out of the shaft and into the vehicle compartment. You can manually control the camera's Pan & Rotate, or you can use the HazProbe's built-in scan patterns. The camera image is displayed on your robot's OCU monitor as a re-locatable camera, and now you can assess your threat and determine future courses of action. Time from the HazProbe started drilling to having essential surveillance video: MINUTES!

Can you now move the vehicle to a safe location? Can you safely open the trunk? Do you have to render safe a device on-site?

When disabling a device on-site the existing hole gives your disrupter or chemical detector access to the device. Need another hole? Just reset the HazProbe and plug in another drill bit. You are ready to go. SAFELY and QUICKLY!

## Key Features and Benefits

- \* The HazProbe is compatible with various medium to heavy-duty robotic platforms including WM Robots' **KNIGHT**. The HazProbe taps into your robot's communication and power systems and displays its video on your robot's OCU display screen. Control of the HazProbe is done right from your robot's OCU.
- \* The HazProbe's plug-in color or near-infrared camera modules are on-site interchangeable, as are the drill bits. A window breaking bit is now available to keep your robot's gripper free for other use like carrying a mineral water bottle to the site on the same trip.
- \* The HazProbe's self illuminating Pan & Rotate camera is great for inspecting tight areas, under vehicles, around corners, above ceilings, through windows, under seats, or a depth perception side view of the robot's gripper. Use it even if you don't need to drill anything!
- \* The HazProbe minimizes disruption and economic impact of an incident as well as liability costs.

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