

Two robots to do our dirty work (w/ video)

May 3 2011, by Katie Gatto



(PhysOrg.com) -- Today's tale of robots is a double feature. That is right, we are going to look at not one, but two of the bots who are making our lives not only more interesting, but safer. The digital eyes and ears of the future are here today! Let's get a sneak peek.

Our first feature creature is the ReconRobot's line of throwable surveillance robots. They have just come out with a new model, which has a snazzy new feature that give it a significant advantage over the previous models. The new ReconRobot will be able to drive up a sheer

vertical surface. Before you start to wonder if this machine is capable of bending the laws of physics, you have to know the catch. The surface that it is driving up has to be made of metal. This clever little [bot](#) uses the laws of magnetism in order to make its climb.

Specific applications for this bot are found on the high seas. When dealing with a situation where pirates have taken a ship, this bot would be able to scout the ship, and get an idea of what is going on before lives are risked in a hostage extraction.



Our second bot extraordinaire, known as the Recon Scout Throwbot, has

been around for a while, but recently gained approval for use in both police and fire applications. This small bot, which comes in at only eight inches long, can be thrown through a window, or through a fire laden floor, without taking any damage. The bot then transmits video to the base camp.



Recon Scout Throwbot

The bot has already been in use by the military in both Iraq and Afghanistan, so it has been field tested. There is only one snag about using the Recon Scout Throwbot, and that is the [radio frequency](#). The [robot](#) transmits on the same frequency of amateur radio enthusiasts, which means that using it in the area means getting a waiver. The waiver was obtained with the help of the law firm of Fletcher, Heald, and Hildreth.

More information: www.reconrobotics.com/index.cfm

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