

# MacGyver's Toolbox

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## **Speedtest**

[www.speedtest.net](http://www.speedtest.net)

Are you really getting the speed that you are paying for? See how fast your Internet connection is for download and upload speeds.

## **inSSIDER**

<http://www.metageek.com/products/>

Check and see how strong your wireless signal is and if it is security protected. As well, see what channel it is set to and avoid interference with your neighbors.

## **Lytro Camera**

<https://www.lytro.com/>

Your subject is always in focus with this camera. Spend more time on getting the shot and figure out later what should be in focus.

## **Swivel for Tablet or Phone**

<http://www.swivl.com/>

You never need a cameraman again if you use this item. This item works in 360 and tracks you via Bluetooth. It lets you concentrate on what you are doing instead of having to worry about if you are in the right shot.

## **Cantenna**

<http://www.turnpoint.net/wireless/cantennahowto.html>

Need to extend the range of your wireless antenna or your router? Learn how to make one with a common tin can and a few parts.

## **Structure Sensor for Ipad**

[structure.io](http://structure.io)

Do you need to make a 3D rendering of an object but only having a way of shooting in 2D? This is an inexpensive device that quickly turns your iPad into a 3D camera.

## **Need to make a burglar alarm?**

<http://www.instructables.com/howto/burglar+alarm/>

Check out all these great projects of how to make burglar alarms from Instructables. Projects range from easy to complex circuits, but it is guaranteed to be fun. Even create laser alarms or alarms that will let you know when somebody opens the fridge to steal your special snack.

## **Makey Makey**

<http://makeymakey.com/>

Replace your keyboard with playdough or bananas? Fun applications that you can build just by using your computer and alligator clips! These are great starter projects for ages of all levels.

## **Green Screen by Do Ink**

<http://www.doink.com/>

Make an easy green screen for a library program from an app that costs \$2.99. User is able to create images and videos with very little training. For the green screen you can use a tarp or even a sheet!