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Subject: Richards Robotics
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Hi Aaron!

Great website! Good job on restoring a classic!

I have played around with an ER1 myself and can offer some suggestions to make life easier.

1) Although the ER1 hardware drivers are not compatible with recent Windows versions, a workaround is to install it under VirtualBox (<https://www.virtualbox.org/>). I installed an old copy of Windows 2000 in my setup and I now enjoy quick image recognition on a modern laptop.

To setup:

- install VirtualBox
- install Extensions and Guest Services
- Setup a virtual machine using whatever compatible Windows version is available
- under the Settings menu set the Network adapter to Bridged
- install the ER1 software
- Connect the ER1
- In the virtual machine itself click Devices->USB and select the ER1 entry . Install drivers

2) Accessing the laptop while it is tethered to the ER1 is inconvenient. I use RealVNC (<https://www.realvnc.com/>) to login from my desktop. Much easier.

3) The Krittercam is awful. Do yourself a favour and substitute a modern camera with a larger field of view and higher resolution.

Cheers

Chris

[\(http://gotabot.weebly.com/\)](http://gotabot.weebly.com/)