

DEMONSTRATING PLANT HEALTH

Need:

- A live healthy plant
- An artificial plant
- A computer with VLC media player installed (or other webcam viewing software)
- A visible light webcam

- To remove the infrared lens from a webcam:
1. Unplug the webcam.
 2. Disassemble the casing by unscrewing or prying it open.
 3. Find and remove the infrared lens, which may be glued or clipped in.
 4. Reassemble the webcam and reconnect it.

Place the camera about 40cm away from the plants and make sure it is plugged in to the USB port so that the image is being streamed. You may need to rotate the focus ring slightly to make sure that the two plants are in focus.

The live plant will be immediately obvious as it will glow in the image – because it is reflecting a far greater amount of near infrared light.

40cm

