Why do you need a webcam cover?
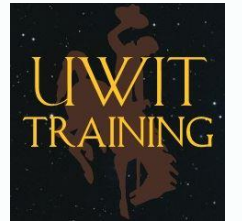
WYOCAN
WYOMING CYBERSECURITY ACTION NETWORK

Brought to you by your local library and the Wyoming CAN Committee

What devices have webcams in your home?

- Computers
- Laptops
- Phones
- Tablets
- Voice Assistance Products
- Robot vacuums
- Doorbells
- Other

Are they connected to the internet?

YES!

Can they be hacked?

YES

- In September of 2019 a white hat hacktivist (ethical hacker) found over 15,000 potentially accessible webcams and many were inside homes.

Fact:

While most webcams display a small light when in use, it is possible for hackers to disable this light making you unaware that the camera is active.

Bad Actors can

- View open webcams from anywhere around the world

- Manipulate the webcams by editing settings and privileges

- Spy and attempt to get your personal details to steal your identity

- Access them if you haven't changed the standard ID and password the webcam comes with

To change your password, Google the make & model of your webcam and follow the instructions on the manufacturer's website

Logitech Alert™ Web Viewer
Help for Viewing Cameras On a Browser

Logitech Alert™ Web Viewer

Contents | Index | Search

Introduction
Usernames and Passwords
 Using the login screen
 I forgot my password
 Changing my password
 Changing my e-mail address
 Changing my security question
 Changing my profile
 Changing default language
 Logout
Sites
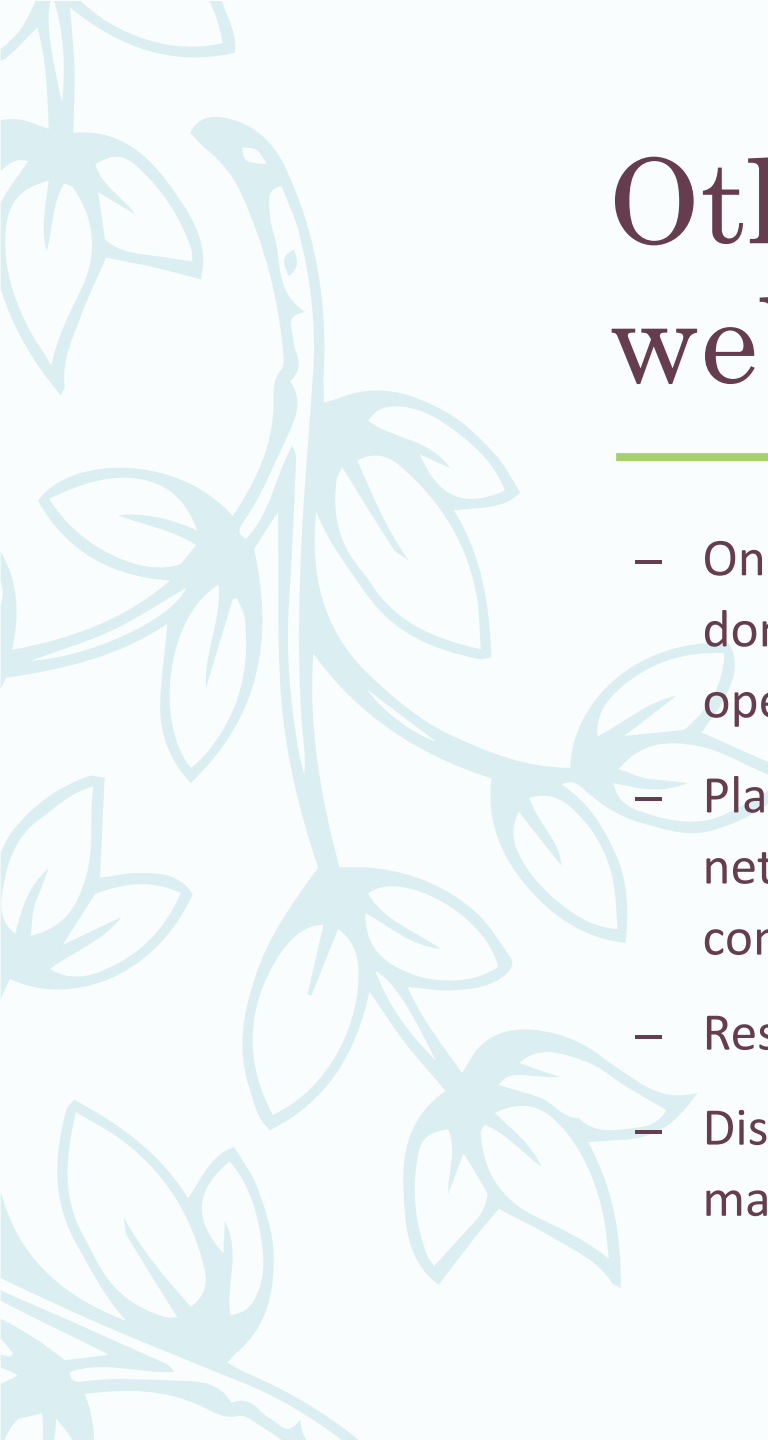Cameras
Audio
Troubleshooting

© 2012 Logitech

Changing my password

Top Previous Next

Use this function if you forgot your password and you obtained a temporary password from Logitech in order to access your cameras. This function is also useful for situations that warrant you to change your password (i.e. someone you don't want to have the password has gained access to it, etc.).

1. Click on the Settings link.

2. In the Account navigation section, click on Security. The Change Password section displays.

3. In the current Password field, enter your password (or the temporary password that the Logitech system sent you).

4. In the New Password field, enter a new password.

5. In the Confirm New Password, re-enter the password you typed into the New Password field.
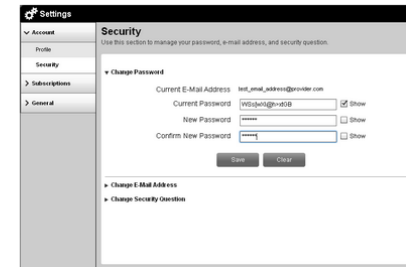
6. Click the Save button. Your new password will be applied to your account settings. And an email will be sent to your account's email address to validate that your password was successfully changed.

7. Click the Exit icon [X] to close the Settings dialog and return to the camera video windows.

Other ways to prevent your webcam from being exposed

– Only allow specific devices to connect to your webcam. For instance if you don't game, then turn off gaming access to your webcam in your computer's operating system.

– Place your webcam and devices with cameras on a home 'guest' wireless network. That way if they get hacked, they won't have access to your computer's information.

– Research webcams before you purchase and avoid poor security practices.

– Disable UPnP (Universal Plug & Play) for your webcam. (Check your manufacturer's website for directions.)

And you can make your own webcam cover!

Here's a webcam pattern you can use with a small piece of felt, fabric, or cardstock paper.

1. Cut a piece of fabric or paper about the size of your webcam on your phone or computer. This is the blue part of the pattern below.

2. Cut a hole in the fabric or paper representing the blue part of the pattern below. A hole punch works great here. This is where the camera can show through.

3. Affix the blue fabric/paper along the dotted lines (shown in pattern) to your monitor or device. Be sure to use non-permanent adhesive that won't gum up your computer equipment.

4. Cut a piece of cardstock paper that can slide between the blue fabric/paper and the webcam, stopping at the affixed end of the blue box in the pattern.

For More Information

https://www.youtube.com/watch?v=52Loe_5cR3s

Sources

- https://www.mymemory.co.uk/blog/why-should-you-use-a-webcam-cover/

- https://www.wizcase.com/blog/webcam-security-research/

- https://www.varonis.com/blog/what-is-upnp/

Thank you for attending the Cyber-in-a-Box Library Program

Visit us at

www.wyocan.org

WYOCAN
WYOMING CYBERSECURITY ACTION NETWORK