**Updating the Multisense S27 (CAT C6:S2) Firmware**

10-30-2020

1. Using a Linux or Ubuntu computer, download the update image. It will be a filename such as

*update\_unenc\_20201027-1641\_C4A8C891.img*

1. Rename the file exactly

*update.img*

or duplicate it and rename only one duplicate exactly *update.img*

1. Note its location in the file system. For example, it may be in the directory *~/Downloads/update.img*
2. Power on the camera and connect it via ethernet to the linux or ubuntu computer. It takes approximately 25 seconds for the camera to boot.

1. Open a terminal and begin pinging the camera continuously by typing

*ping <camera IP address>*

For example, if the camera still has its default factory IP address,

*ping 10.66.171.21*

1. In a second terminal, transfer the file to the computer. This can be accomplished by using TFTP

curl -T <update.img’s absolute address> tftp://<camera IP address>

For example, if the camera still has its default factory IP address, and the update.img is in the Downloads directory

***curl -T ~/Downloads/update.img tftp://10.66.171.21***

1. A file transfer will begin. **When it ends DO NOTHING**. The camera will begin a 3-5 minute update process. Watch the ping. After the ethernet connection to the camera ceases and resumes, the update is complete.
2. Power cycle the camera.