



# Camera Receiver

Engineering Physics' Robot Competition 2023





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## 1 Introduction

For competition 2, you will be able to use a camera to see from the robot's perspective while the pilot(s) of your robot are not allowed to look at the competition course. It is wireless and preset to a specific frequency. The only thing you need to do for the camera to work is to give it 5V and remove the lens cap.

## 2 2.5" Camera receiver

To test your camera before the competition, you can use a small camera receiver that you see a picture of in figure 1. The number 5725 that you see in the upper right corner of the screen is the frequency expressed in MHz it listens to. This number must match the number on the underside of your camera. To start the receiver, hold down the power button on the side of the receiver until the screen starts to light up. Then you press the plus button until the letter in the upper right corner of the screen shows the letter C. The letter C shows that frequency band A is in use, and all teams' cameras are set to this band. Finally, press the minus button until the frequency is correct and you get a picture. Don't forget to remove the lens cover.



Figure 1. Camera receiver set to 5725 MHz. The letter C shows that the receiver is set to frequency band A, which is used by all the team's cameras.



Figure 2. Camera receiver with power button in the middle, plus button to change the frequency band and minus button to change the frequency within the selected band.