

# How to fix "Internal data stream error" in Processing 4

## Error

In Processing 4, you will see this error often `BaseSrc: [avfvideosrc0] : Internal data stream error` when using the video library with cameras and a MAC. To see more about the capture function, please see [here](#).

## How to fix (12/2024)

Change this line `cam = new Capture(this, cameras[0]);` to `"pipeline:avfvideosrc device-index=0"`

## Full Code

```
import processing.video.*;

Capture cam;

void setup() {
  size(640, 480);

  String[] cameras = Capture.list();

  if (cameras.length == 0) {
    println("There are no cameras available for capture.");
    exit();
  } else {
    println("Available cameras:");
    for (int i = 0; i < cameras.length; i++) {
      println(cameras[i]);
    }

    // The camera can be initialized directly using an
    // element from the array returned by list():
    cam = new Capture(this, width, height, "pipeline:avfvideosrc device-index=0", 30);
    cam.start();
  }
}
```

```
}  
}  
  
void draw() {  
  if (cam.available() == true) {  
    cam.read();  
  }  
  image(cam, 0, 0);  
  // The following does the same, and is faster when just drawing the image  
  // without any additional resizing, transformations, or tint.  
  //set(0, 0, cam);  
}
```

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