# 360° Omnidirectional High-Torque 2-Axis Expandable Pan-Tilt Camera Module, Driven By Serial Bus Servos, Based On General Driver Board For Robots

- Improve camera stream latency

# Improve camera stream latency

For more "immediate feedback" on the stream, some addjustements of the source code could be made.

Reduce resolution on startup

```
camera = Camera()
camera.set_video_resolution("240P")
```

Limit framerates to avoid hammering the network

```
def gen(cameraInput):
    yield b'--frame\r\n'
    while True:
        frame = cameraInput.get_frame()
        yield b'Content-Type: image/jpeg\r\n\r\n' + frame + b'\r\n--frame\r\n'
        time.sleep(0.05)  # 20 FPS max
```

Add headers on the stream

```
@app.route('/video_feed')
def video_feed():
    return Response(
        gen(camera),
        mimetype='multipart/x-mixed-replace; boundary=frame',
        headers={
            "Cache-Control": "no-cache, no-store, must-revalidate",
            "Pragma": "no-cache",
            "Expires": "0",
            "X-Accel-Buffering": "no"
        }
    )
```