



EPILEPSEND



Colors!  
Animation!  
Larger grid!



QR Codes

≈ 1 kbps 🐱💧

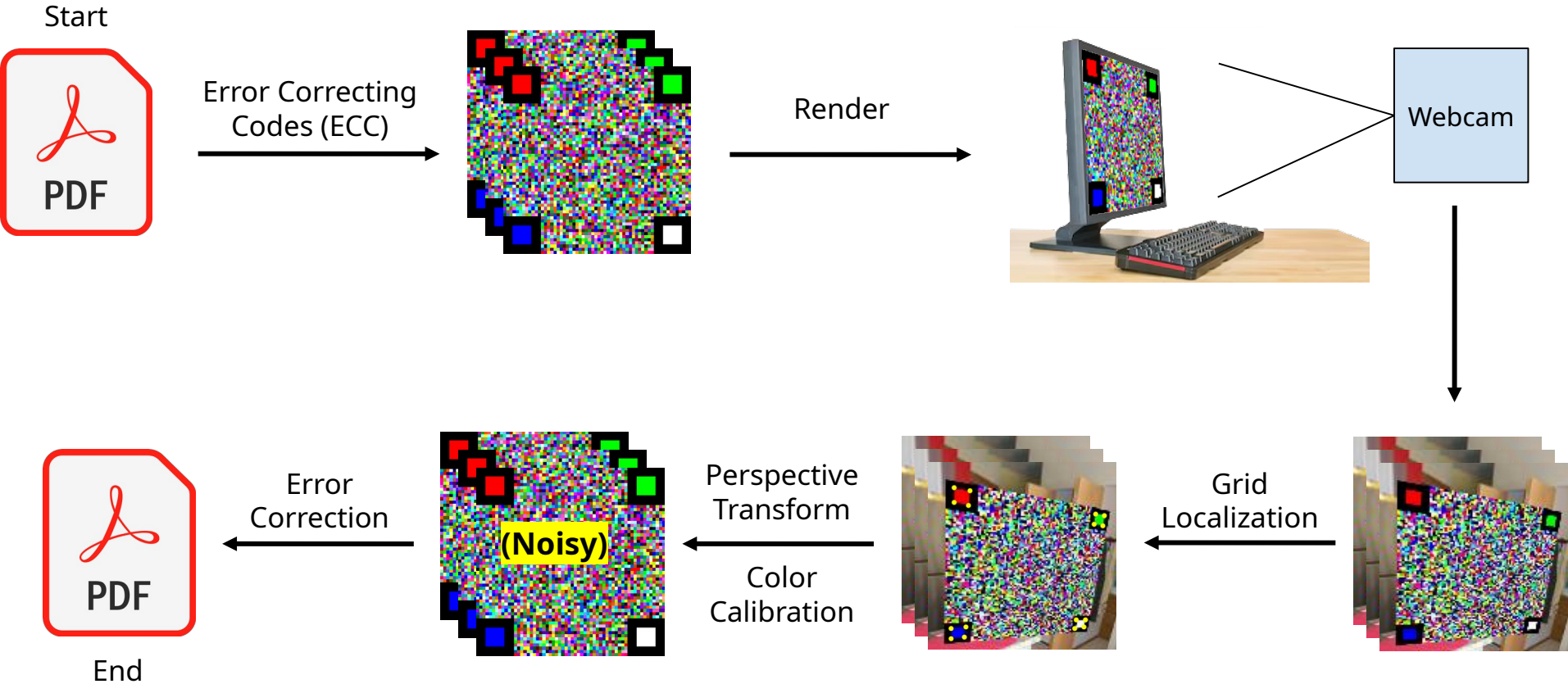
2000x!!!!



Epilepsend

2200 kbps 🐱👤

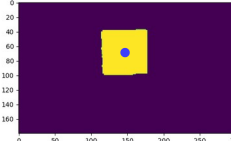
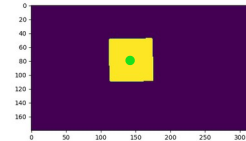
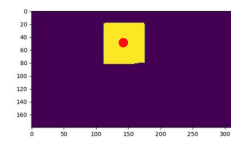
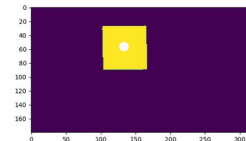
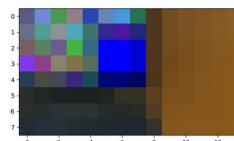
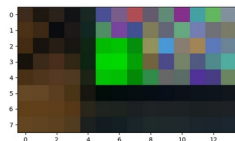
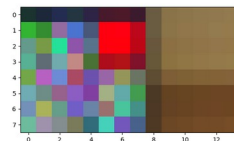
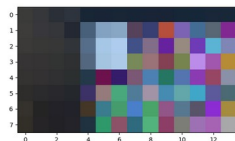
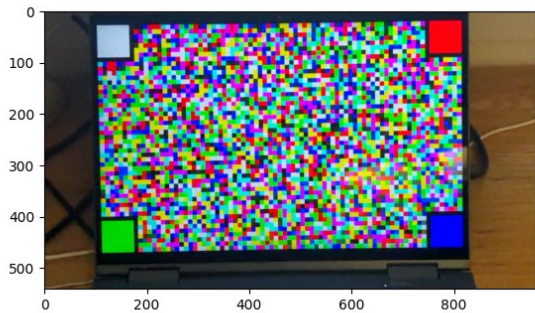
# Pipeline





Find most red pixel etc

Average pixels to get center

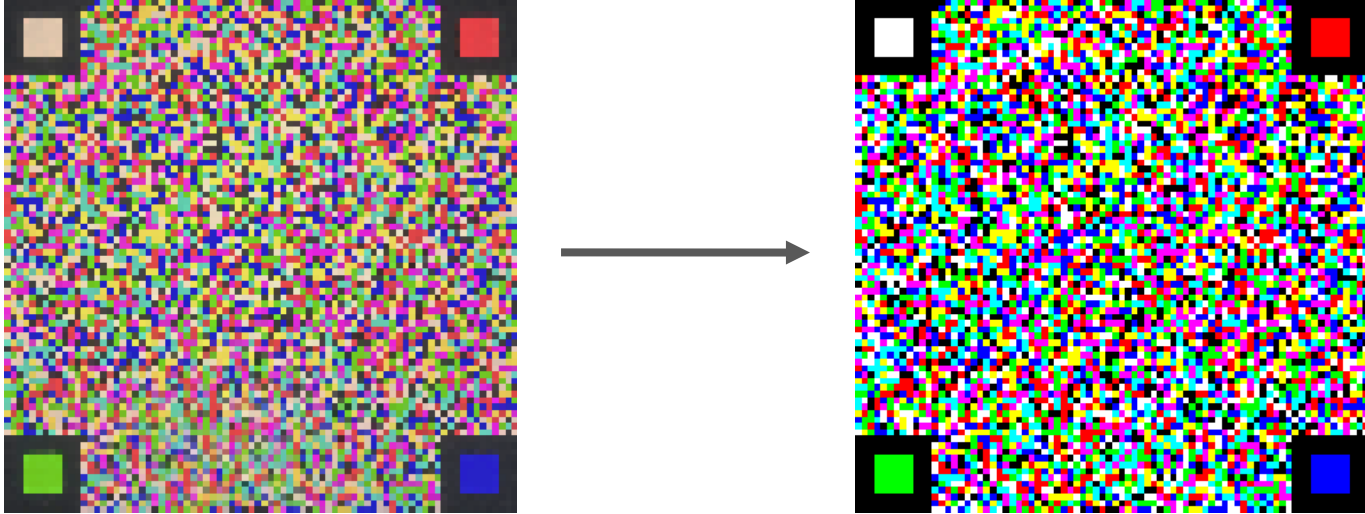


Downsample

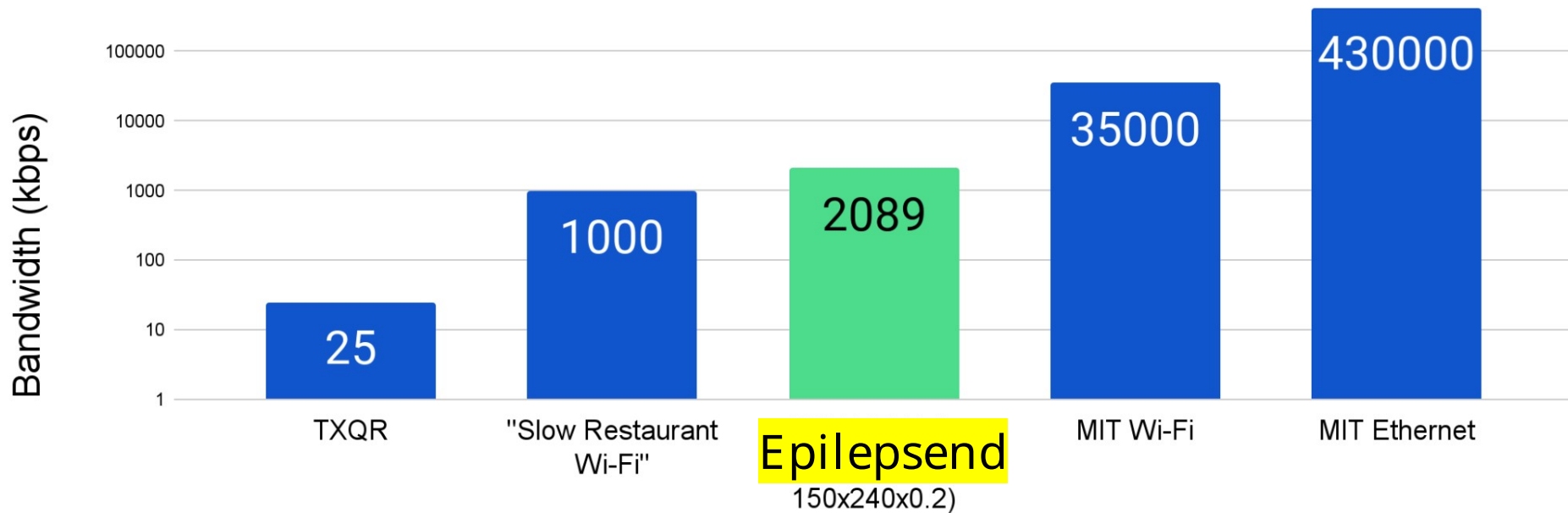


Floodfill

# Color Calibration



# Results







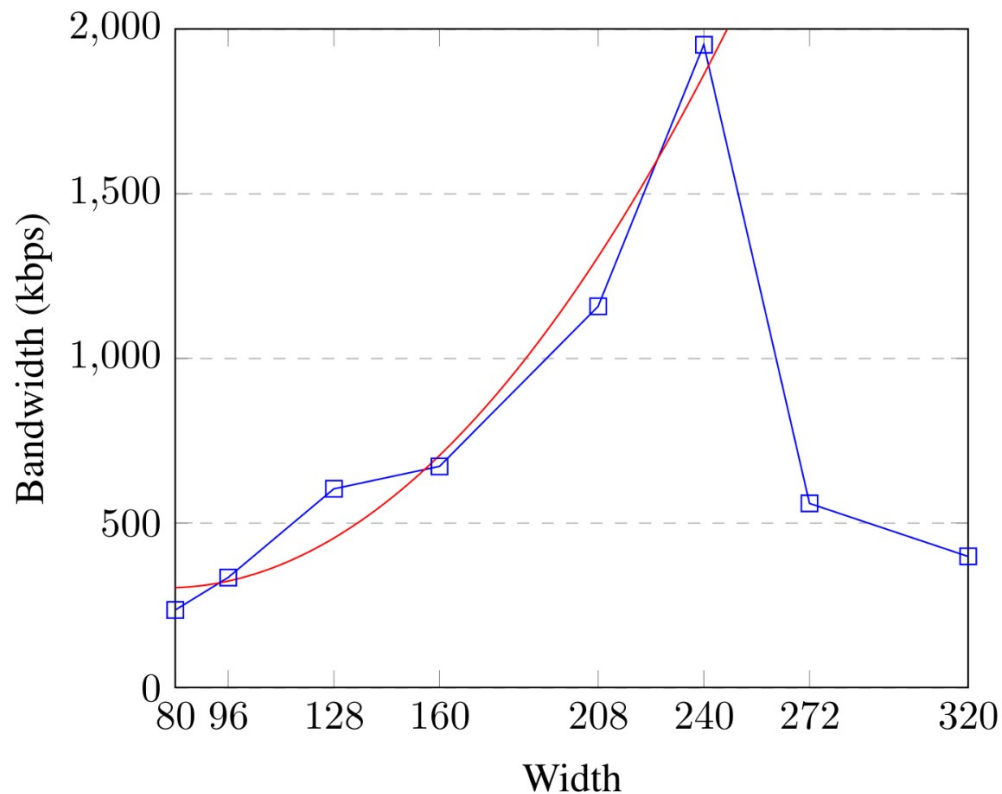




**DEMO**

# Scaling challenges

- Camera resolution
- Need to increase ECC
- High CPU usage
- Overheating 🥵



# Links

- Blog post: <https://unnamed.website/posts/bad-apple-animated-qr-code/>
- Report: [https://unnamed.website/src/6\\_8301\\_Project.pdf](https://unnamed.website/src/6_8301_Project.pdf)
- Code (it's pretty nice): <https://git.unnamed.website/6.8301-project/>
- Bad Apple over RSS (unrelated): <https://ersei.net/en/blog/bad-apple-rss>

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