



Technical Information

Resolutions and Speeds:

- 1280x720 @ 30Hz
- 640x480 @ 60Hz
- Resolution customizable

Latency:

- Low latency

Supported Image Formats:

- Graylevel 8-bit as standard
- Other formats available

Metadata Format and Size:

- User defined
- Fully customizable
- Byte array format
- Variable length

Software Solution:

- Dynamic or Static library
- Flexible licensing

User Options:

- Quality
- Resilience
- Packet size
- AES-256 encryption
- Multithreading

Inputs:

- Single image
- Video stream

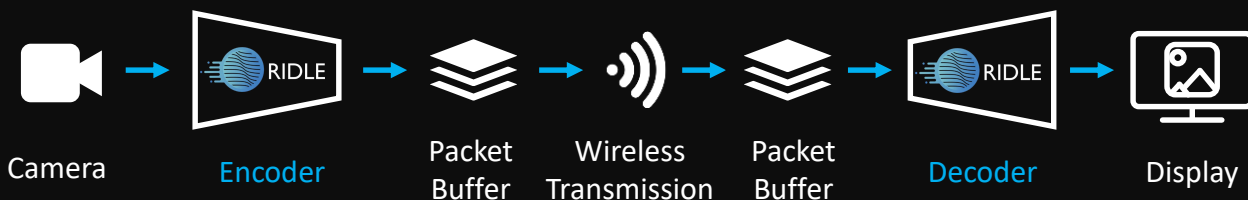
Outputs:

- Byte stream
- Packets

Operating System:

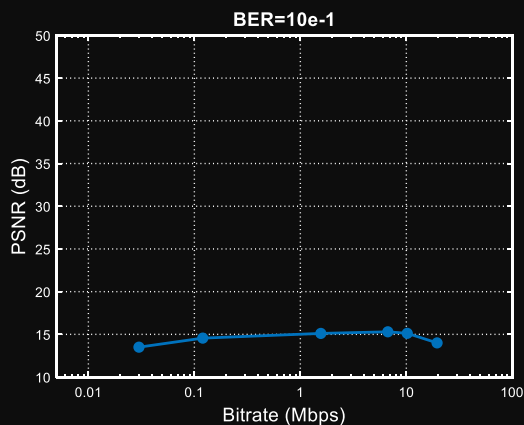
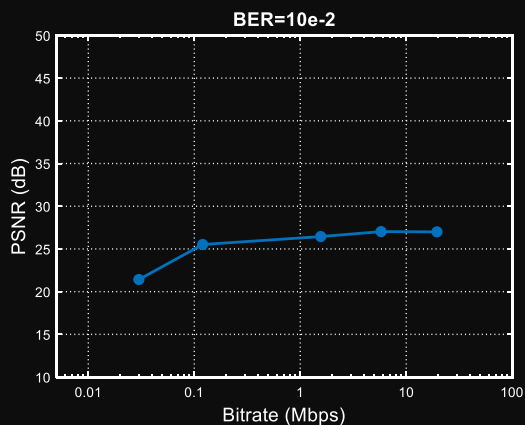
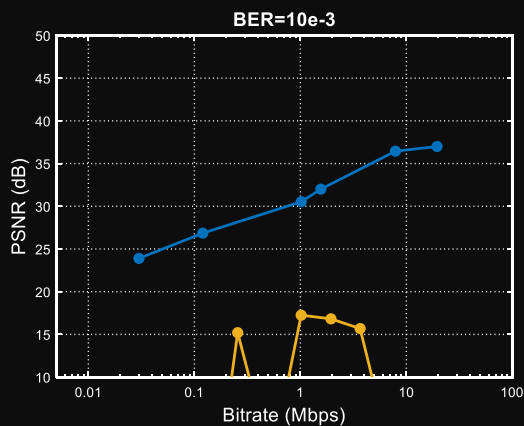
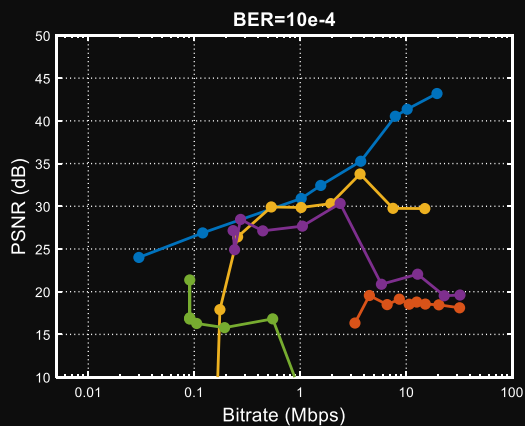
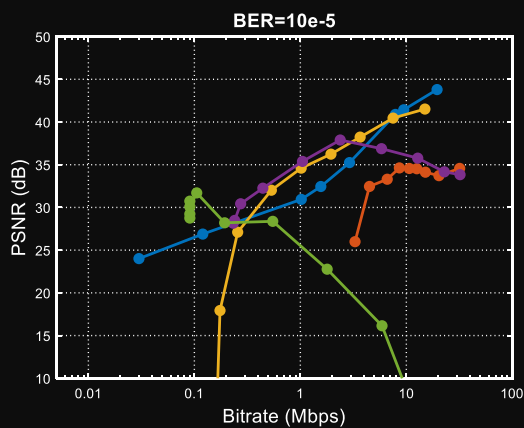
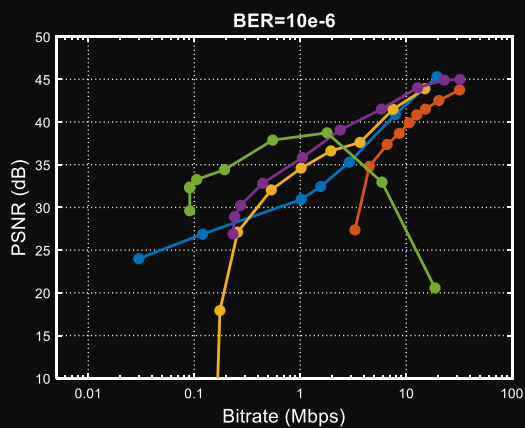
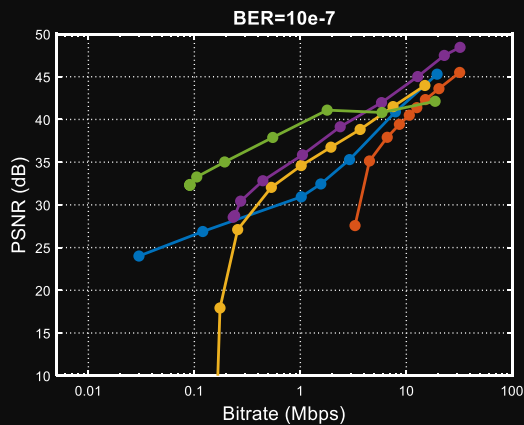
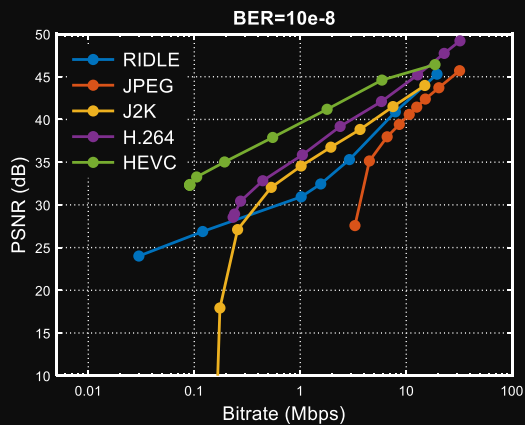
- Windows
- Linux
- Customizable

Transmission Pipeline

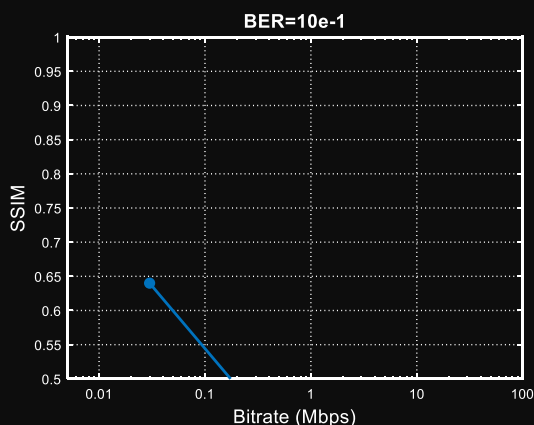
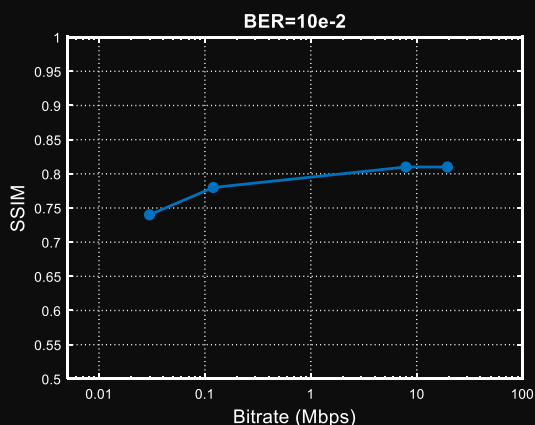
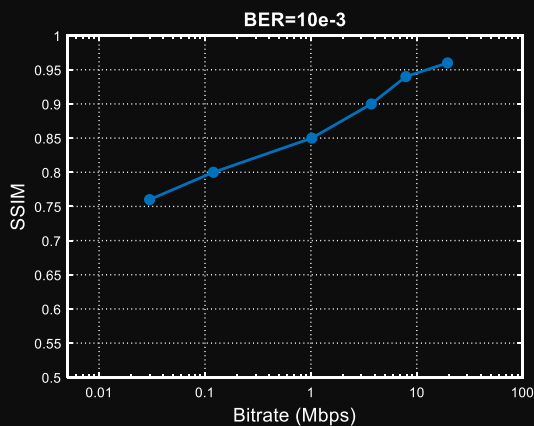
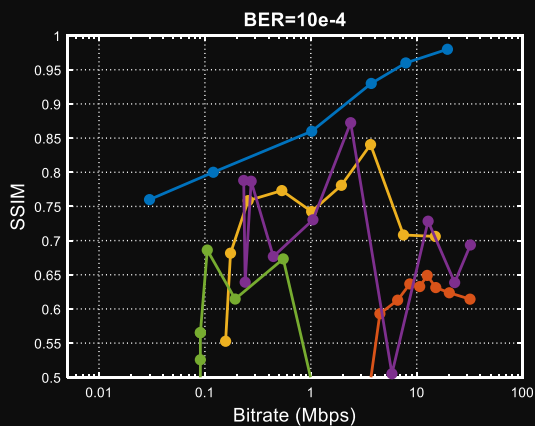
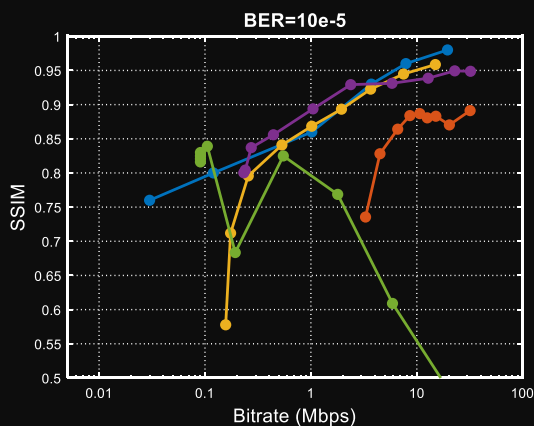
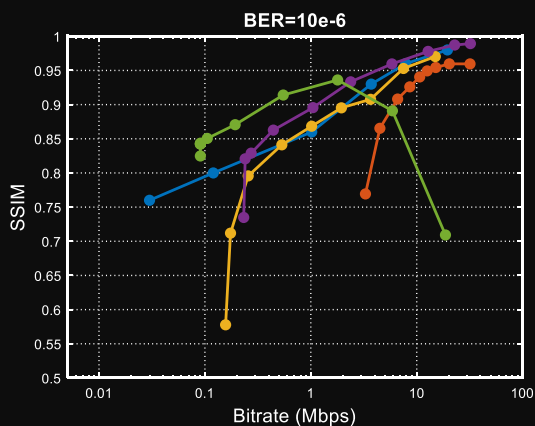
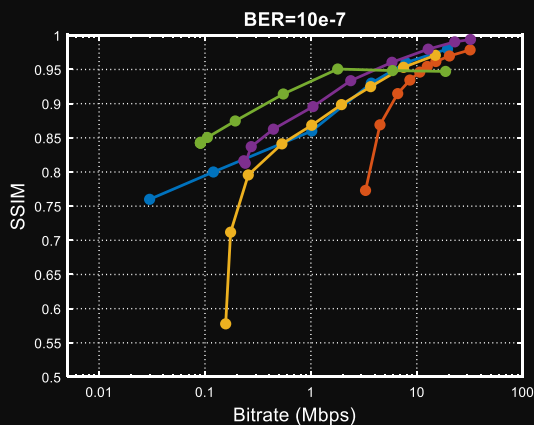
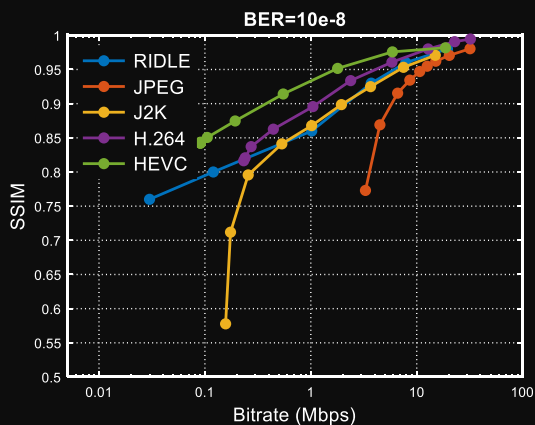


Rate-Distortion: PSNR

Increasing Interference



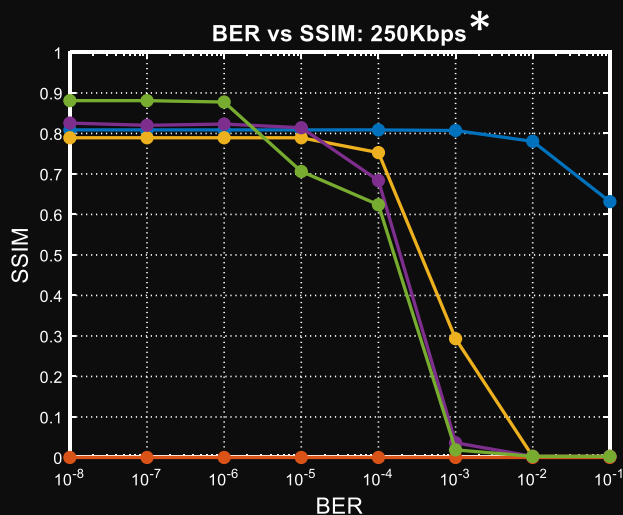
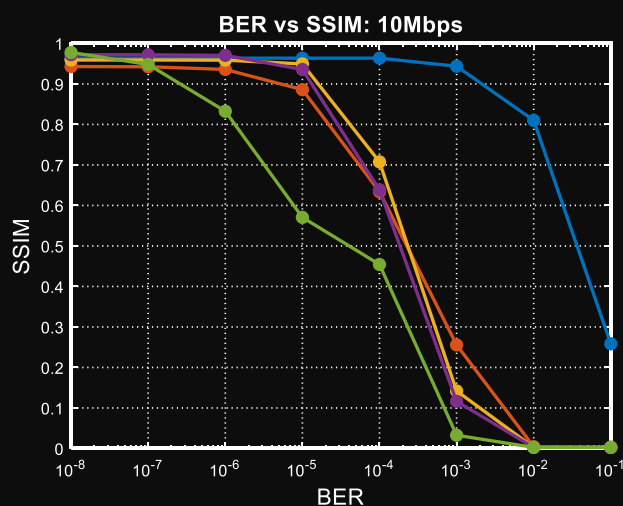
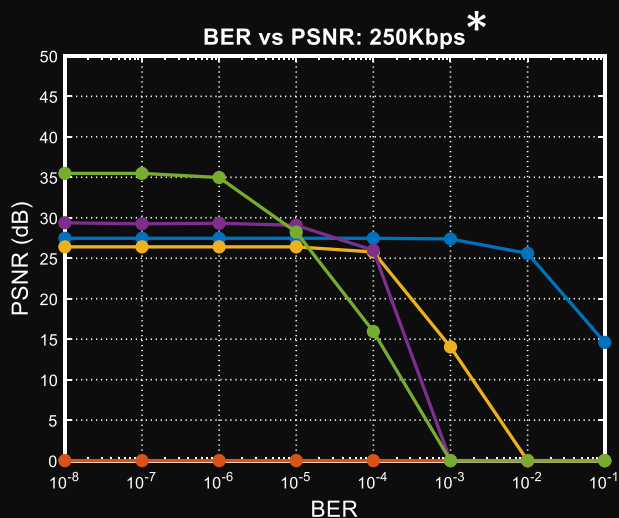
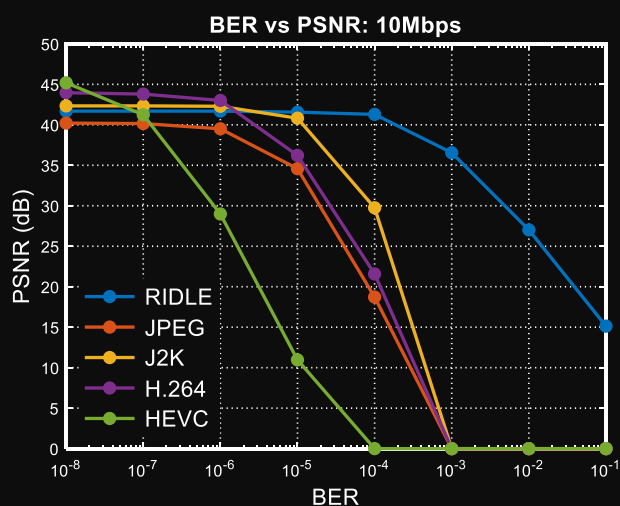
Rate-Distortion: SSIM



Increasing Interference



Bit Error Rate (BER)



* JPEG not able to encode video at 250Kbps

