

Example 1.1.3.3

Q 24 bit color vide 640x480 resolution
at 30fps
Uncompressed video rate?

Solution $\underbrace{640 \times 480}_{\text{resolution}} \times \underbrace{3}_{\text{RGB}} \times \underbrace{8}_{\substack{\text{0-255} \\ \text{8bit}}} \times \underbrace{30}_{\text{fps}} = 221,184,000 \text{ bps}$