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## 1080P

**8bit** , 24

$$\begin{aligned} 1920 \times 1080 &= &= 2073600 \text{ px} \\ 1 \quad \text{Color bit } 8\text{bit} * \text{RGB} &= 8 \text{ bit} \times 3 \text{ color} \\ 1 \quad 24 &= 24\text{fps} \end{aligned}$$

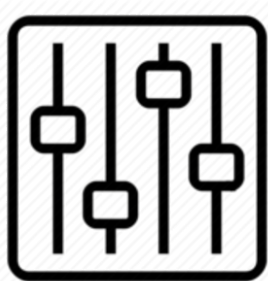
$$2073600\text{px} \times 8\text{bit} \times 3\text{color} \times 24\text{fps} = 1,194,393,600 = 1194\text{Mbps} = 1.2\text{Gbps}$$

**12bit** , 30

$$\begin{aligned} 1920 \times 1080 &= &= 2073600 \text{ px} \\ 1 \quad \text{Color bit } 12\text{bit} * \text{RGB} &= 12 \text{ bit} \times 3 \text{ color} \\ 1 \quad 30 &= 24\text{fps} \end{aligned}$$

$$2073600\text{px} \times 12\text{bit} \times 3\text{color} \times 30\text{fps} = 2239,488,000 = 2239\text{Mbps} = 2.23\text{Gbps}$$





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Last update: **2023/02/12**

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