FireWire Cameras
Bandwidth Requirements for Different Video Modes

The video modes as defined by the "IIDC 1394-based Digital Camera Specification" (DCAM / IIDC) require different bandwiths as shown in the table below. The values are based on a 400 Mbit/s connection and are rounded.

Video Format	Bit/ Pixel	60 fps	30 fps	15 fps	7.5 fps	3.75 fps	1.875 fps
640 x 480 Y800	8	64%	32%	16%	8%	4%	
640 x 480 Y411	12		48%	24%	12%	6%	
640 x 480 UYVY	16		64%	32%	16%	8%	
1024 x 768 Y800	8		77%	39%	20%	10%	5%
1024 x 768 UYVY	16			77%	39%	20%	10%
1280 x 960 Y800	8			64%	32%	16%	8%
1280 x 960 UYVY	16				64%	32%	16%