

**SNC-RZ30N Calculator**

**Image size=VGA(640x480)**

Image Quarity (Level)	10	9	8	7	6	5	4	3	2	1
KB/Frame	180	90	60	45	36	30	25.7	22.5	18	15

**Image size=QVGA(320x240)**

Image Quarity (Level)	10	9	8	7	6	5	4	3	2	1
KB/Frame	45	22.5	15	11.25	9	7.5	6.43	5.625	4.5	3.75

**Image size=QQVGA(160x120)**

Image Quarity (Level)	10	9	8	7	6	5	4	3	2	1
KB/Frame	11.25	5.625	3.75	2.8125	2.25	1.875	1.607	1.406	1.125	0.9375

**Cal.1 f(Image size,Image quarity,FPS) -->Data rate**

KB/Frame=  (INPUT)      \*See the above tables for Image size and Image quarity

FPS (1- 30)  (INPUT)

Data rate(Mbps)=  (OUTPUT)      < SNC-RZ30 Max. Data Rate(Mbps)=9.4Mbps

Data rate(Kbps)=  (OUTPUT)

**Cal.2 f(Data rate,FPS,Image size) --> Image quarity**

RGB Raw Image size(KB)  (VGA :900 , QVGA :225 , QQVGA :56.2) (INPUT)

FPS(1 - 30)=  (INPUT)

Data rate(Kbps)=  (INPUT)

Image quarity=Level  (OUTPUT)

**Cal.3 f(Image size,Image quarity,Data rate) --> FPS**

KB/Frame=  (INPUT)      \*See the above tables for Image size and Image quarity

Data rate(Kbps)=  (INPUT)

FPS(1-30)=  (OUTPUT)