

*IP Security Products: When running the JVC IP dome camera model VN-C655U at 4CIF 30FPS, what bandwidth in Mbps is used?*

Running VN-C655U at 4CIF (VGA) resolution and 30 FPS and assuming medium compression (around 30KB/frame) the calculated bandwidth requirement is 7.2Mbps (Mega bits per second).

The formula when using JPEG compression is quite simple:

Bandwidth (Mega bits per second (Mbps))=

=frame size (KiloBytes (KB)) x 8 (bits/Byte) x FPS / 1000  
in this case  $30 \times 8 \times 30 / 1000 = 7.2$ Mbps

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