EAGLE EYE
NETWORKS

CLOUD VIDEO SURVEILLANCE

Understanding Bandwidth

Camera Bitrate

1000kbps

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Expected Duty Cycle

50%

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Minimum Dedicated Upload Bandwidth

500 kbps MDUB

Bandwidth Considerations for VSaaS

Primary Factors to Keep in Mind for Your Projects

Camera Bitrates multiplied by expected "Duty Cycle" will determine dedicated upload speed requirements

Bitrate is the speed at which data (bits) is transferred over a network

Duty Cycle is the percentage of motion activity based High Resolution Video recorded in a 24 hour period

Camera Settings will determine the required Bitrate for Video Stream Quality

Scene Complexity and Dynamic Activity will determine the expected Duty Cycle

Utilize Motion Masking and Sensitivity Settings to optimize Scene Duty Cycle impact