

# Cloud Camera Solutions to Lower Bandwidth Usage

## 1. Limit Unnecessary Cloud Uploads

Focus uploads on important events, like motion detection or specific time frames. Many systems let you adjust triggers—set cameras to upload only when there's activity in key areas, like entrances or restricted zones.



## 2. Optimize Your Archive Times

Think of cloud archiving like scheduling your data backups—you want it to happen reliably, but not when it interferes with daily operations. Setting up intelligent archiving schedules helps you store footage safely while keeping your network running smoothly during peak times.



## 3. Buffer Your Live Streams

Set critical zones to zero delays, configure hallways to three to five seconds, and move parking feeds to five to ten seconds. Taking these simple steps can cut your bandwidth usage significantly while keeping security strong.



## 4. Adjust Your Streaming Resolution

Modern security platforms let you fine-tune resolution settings for each camera individually. This targeted approach means you can maintain high quality where it matters most while reducing bandwidth usage across your entire system.



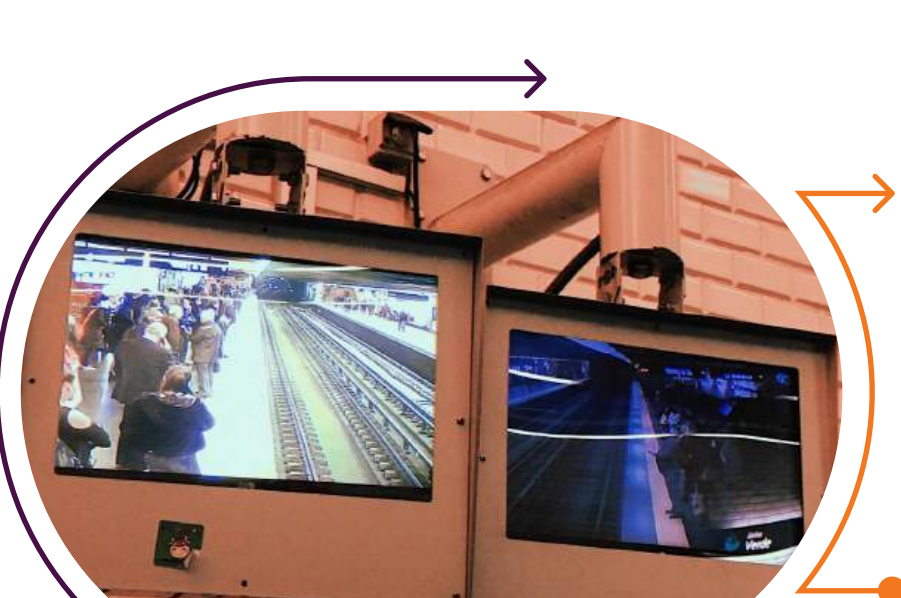
## 5. Choose the Right AI Features

Match each camera's AI features to its location. When you enable specific features for each zone, you'll create a more efficient security system. Your cameras will focus on their most important tasks, and your network will maintain peak performance for other critical operations.



## 6. Adjust Your Keyframe Intervals

Keyframe intervals control how often a full image is sent in your video feed. Shorter intervals provide clearer footage in high-activity areas like entrances but use more bandwidth. In low-activity spots, like storage rooms, longer intervals save bandwidth while maintaining acceptable video quality.



## 7. Use Variable Bitrate for Efficiency

Variable bitrate (VBR) tailors video quality to what's happening in front of the camera. It saves bandwidth during quiet times and prioritizes detail when activity spikes. Adjust VBR settings to fit your network's needs.



## 8. Streamline Multi-Camera Feeds

Simultaneously streaming footage from multiple cameras can easily overwhelm your network. Consolidate feeds from nearby cameras into a single multi-angle stream using built-in tools available in your cloud based video surveillance system.



## 9. Fine-Tune Your Redundancy Settings

Review your backup configuration for each camera zone. Your system might be creating redundant copies even for low-priority areas that don't require this level of protection. Adjust these settings based on each location's security requirements.

