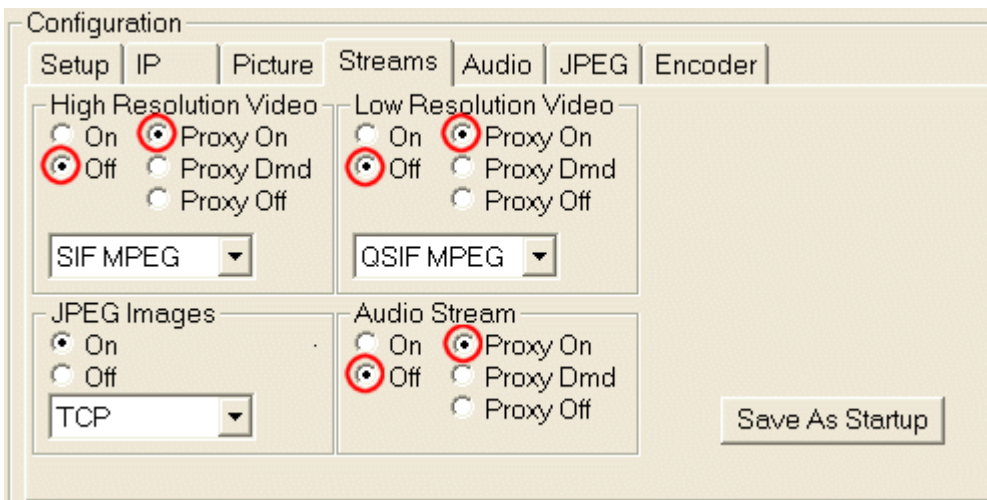




Multicast flooding problems can usually be solved by implementing a multicast routing protocol such as CGMP or IGMP Snooping. This document explains how to operate e-Watch in unicast mode for networks where a multicast routing protocol is not available.

Disable multicast and enable “proxy mode” for all cameras

Run the Camera Configuration Utility and configure the low bandwidth, high bandwidth and audio streams as shown. These changes can also be made using the Camera Templates Application.



Block multicast at the server’s switch port

When configured as above, the cameras send unicast video and audio streams to the SiteWatch server. The server then converts these streams to multicast. To prevent the multicast streams from being routed over the network from the SiteWatch server, block multicast at the server’s switch port. The method used to block multicast is dependent on the make and model of the switch.

Open ViewWatch using the “streamtype=TCP” option

Configure ViewWatch to receive unicast video streams from the SiteWatch server by appending the “streamtype=TCP” option to the ViewWatch logon URL, for example:

`http://servername/ewatch/logon.asp?streamtype=TCP`

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