



# **Tech Note**

VICON TECHNICAL SERVICES GROUP

<b>Subject:</b> Maximum Looping capabilities <b>Product:</b> V6680SCC <b>Number:</b> 1400-0001-63-00 <b>Date:</b> 10/13/04
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## **Maximum Looping capabilities V6680SCC (MX66)**

After extensive testing it has been determined that looping a video signal through more than 8- V6680SCC cages causes degradation of the video signal.

The maximum number of cages to loop cameras through should be 8. Any matrix system with more than 128 monitors will need to have 1 video distribution amplifier quoted for each camera input.

The distribution amplifier will provide a fresh video signal to each group of 8 cages.

Systems with more than 128 monitors, but less than 256, should distribute the amplifiers evenly across the cages.

Example: If there were 12 cages (192 monitors), you would use 2 outputs from a DA to feed two groups of six V6680SCC's.