

**Topic:** Configuration Options for Multi-Video Expander (MVX)  
**Component(s) Affected:** All Revisions of MVX  
**Date:** May 15, 2003

## OVERVIEW / ENVIRONMENT

This bulletin describes configuration options for MVX. Currently, only one configuration option is supported, the default configuration. However, the MVX has built-in support for several additional configurations that may be supported in the future.

## DETAILED DESCRIPTION

The MVX has a configuration jumper block located at JP14. Pin 1 is in the direction of the link status LED. Normally, this jumper block is configured in the factory with default settings. Currently, this is the only supported configuration, and users should not access or modify the jumpers installed in JP14.

The MVX, however, has six possible configurations that control the number and type of video outputs provided by the MVX. The default settings provide Quad capability (as many as four monitors) with both analog and digital outputs provided for each monitor. Alternate configurations can be selected to limit either the number of outputs (Dual vs. Quad) or the type of outputs (DVI or Analog or both). *Figure 1* shows diagrams of the six possible configurations. The numbered circles represent the pin numbers of the jumper configuration block, and the rectangles represent installed jumper shunts. "DVI/Analog" indicates that support for both digital and analog video is provided.

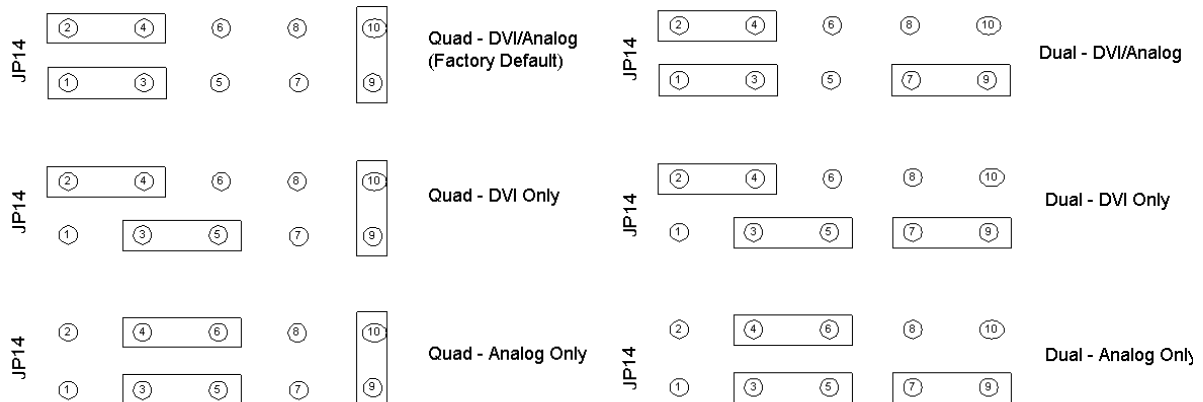


Figure 1 MVX Configurations with JP14

## RESOLUTION

Only the first option, "Quad – DVI/Analog," is currently supported. All MVX assemblies shipped from the factory are configured this way by default. Users should not attempt to modify these settings under normal operating conditions.