



**APPLICATIONS**

- Advanced Security
- Video Conferencing
- Multiple Views on a Single Monitor
- Courtroom Systems
- Industrial Comparison, Monitoring and Quality Control
- Machine Tool Views
- Patient Interaction and Comparison
- Medical and Criminal Forensics

**GENLOCK CAMERAS NOT NEEDED:** MicroImage Video Systems advanced digital processing products do not require Genlock cameras or video sources. This makes interfacing and connections quick and easy, as well as eliminating the complicated adjustments involved with Genlock.

**QUALITY SCALING ENGINE:** The PXQ524 utilizes four high quality scaling units to achieve high resolution in quad display mode.

**BORDER LINE FEATURE:** We include a border/divider line that helps to distinguish one image from the other. The line may be turned off or set to one of four gray levels.



*Quad display on a standard 4:3 monitor.*



*A & B inputs side-by-side on a standard 4:3 monitor.*



*A & B inputs side-by-side on a 16:9 wide-screen monitor.*



*A & B inputs displayed side-by-side with exchange enabled.*



*C & D inputs side-by-side on a standard 4:3 monitor.*

**FEATURES**

- Dual side-by-side display mode works well with standard or widescreen monitors and image positions may be exchanged.
- Quad display mode shows all four inputs at once
- Any input may be displayed full screen
- Selectable border line in dual / quad display modes
- Built in color bar test signal generator
- Does not require genlock cameras and can use almost any NTSC or PAL video source including VCRs
- Includes four independent time base correctors
- Digital Signal Processing (DSP) assures accurate and repeatable performance
- Composite video inputs plus composite & S-Video outputs
- RS-232 wired remote control port included
- Switch selectable for NTSC or PAL operation
- Rack mount option available
- Can operate from +5VDC for mobile applications

**UNIQUE DUAL DISPLAY MODES:** The PXQ524 offers a unique and flexible dual display mode that works well with many wide-screen monitors. It can display two full images side-by-side compared to a split screen controller which only shows a portion of each image.

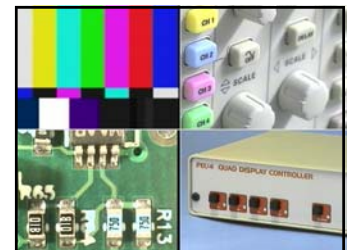
**FLEXIBLE CONNECTIONS:** The PXQ524 will operate with composite input signals. It produces both composite and S-Video outputs simultaneously. Both NTSC and PAL Video are supported.

**EASY TO USE:** Switching between modes is simple with the front panel switches. Individual switches are provided to select the quad mode, any of the four inputs or color bars. The border can easily be turned off and on as well.

**RS232 CONTROL INCLUDED:** An RS-232 wired control connection is included for applications where the PXQ524 must be computer or remotely controlled.

**BOARD AND CUSTOM PRODUCTS:** MicroImage Video Systems offers many of its products, such as the PXQ524, as board level (i.e. BL-PXQ524-00) for OEM applications. We can create units with custom features as well as custom designed boards.

**MORE INFORMATION?** Additional product information, specifications, user manual and application notes are available on our website, including the latest available features.



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Prices and specifications are subject to change without notice

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