PG311
S E R I E S

APPLICATIONS

- Production Alignment
- Object Centering
- Distribution Analysis
- Accurate Camera Position Reference
- Go/no-go sizing

FEATURES

- Factory programmed with user supplied pattern
- Medium or high resolution modes
- Switches to select pattern or turn the pattern display off
- Pattern Intensity can be varied linearly from black to white with front panel rotary control
- Pattern off/on stored in non-volatile memory when power is removed
- Composite/B&W and S-Video connections
- Available for NTSC or PAL video sources
- Can be rack mounted with optional RK133 frame
- Can operate from +12VDC for mobile applications
- Includes 120V/230V universal desktop power supply
- Also available as board level
- Customized variations possible for OEM applications

Pattern Generators with custom images

UP TO FOUR PATTERNS: The PG311 has the ability to hold a single high resolution pattern. A switch is provided to turn the pattern display off or on. terns.

ROCK SOLID PATTERN POSITION: All patterns are permanently positioned and will remain in the same location. Advanced phase locked loop techniques assure repeatability over time.

FULL GRAY SHADES: The pattern image can be set to any shade of gray from black to white by the front panel control. The image can also be turned off.

PROVIDING FILES TO US: Most display files are customer designed but are factory processed and programmed by us. But the files need to be sent to us in the proper format. We can only use files that are uncompressed TIFF, BMP or GIF formats. All files must be done in two colors, no more. One color is the overlay data (usually black) and the other color is the background image. Resolution is exactly 640x480 for NTSC or 768x576 for PAL video. Half resolution modes (medium res) are also available. Please contact us if you have any questions about this process.

FLEXIBLE CONNECTIONS: The PG311 is designed to operate with composite, S-Video or B&W video signals.

WORLD VIDEO STANDARDS The PG311N is available for NTSC/RS170 video systems and the PG311P is available for PAL/CCIR video systems.

EASY TO USE: Connect the input, output and power connections. Turn the unit on and press a pattern button! In operation, you only need to select one of the five images and set the brightness.

RACK MOUNTING: Up to three PG311 units can be mounted in our 1U rack frame, part number RK133. Blank panels are available for unused positions if less that three units are required.

BOARD AND CUSTOM PRODUCTS: MicroImage Video Systems offers many of its products, such as the PG315, as board level product for OEM applications. We can create units with user defined features and custom designed boards. Also see the model PG314 for units with four user defined (custom) patterns.

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