The PIP-4 is a high-performance picture-in-picture inserter for composite video signals. The PIP output can display up to four images simultaneously, each of which can be sized and positioned individually.

**FEATURES**

- **Picture-In-Picture Options** - All inputs can be displayed simultaneously with variable window sizing and positioning and freeze frame capability. Quad button displays 4 equal-sized images.
- **Multi-Format Operation** - s-Video and composite video outputs.
- **Multi-Standard Operation** - PAL & NTSC compatible inputs & outputs (no format conversion).
- **USB Mouse Connector** - For convenient navigation and control, including the OSD.
- **Built-In ProcAmp** - Brightness, contrast, and saturation for each input.
- **Flexible Control Options** - Front panel, IR remote, mouse (with OSD), RS-232 & Ethernet.
TECHNICAL SPECIFICATIONS

INPUTS: 4 composite video, 1Vpp/75Ω on BNC connectors

OUTPUTS: 1 s−Video, 1Vpp, 0.3Vpp/75Ω on a 4−pin connector; 1 composite video, 1Vpp/75Ω on a BNC connector

DIGITAL RESOLUTION: 10 bit

VIDEO BANDWIDTH: 5.4MHz

K-FACTOR: 0.9%

S/N RATIO: 64dB

DIFFERENTIAL PHASE: 0.8Deg

DIFFERENTIAL GAIN: 1.1%

LUMA NON-LINEARITY: 0.9%

CHROMA / LUMA DELAY: <15ns

Y/C SEPARATION: Adaptive 4−line digital comb filters

MEMORY: Non−volatile memory for storage of 2 setups

CONTROL: Front−panel, OSD, RS−232 and Ethernet; video pane size and position; video ProcAmp functions: video zoom, freeze

POWER CONSUMPTION: 5V DC, 560mA

INCLUDED ACCESSORIES: Power supply, RC−IR3 Infrared Remote Control