The IN2013R is a high performance dedicated computer video interface for Sun SPARC, SGI, IBM PowerPC, NeXT and other graphic workstations with 13W3 video connectors.

**Universal Compatibility for 13W3 Workstations** - The IN2013R was designed as the ultimate interface for use with high resolution workstation computers. Factory set for automatic operation with Sun and SGI computers, the unit will accept other workstation signals by simply flipping one or two dip switches.

**Exceptional Video Performance** - Featuring very high quality video amplification, the IN2013R offers bandwidth in excess of 230 MHz, ensuring that even the highest resolution workstation signals will be interfaced with complete signal clarity. A female 13W3 connector offers a buffered output signal for the local monitor.

**Automatic Output Sync Format Selection** - With five BNCs for output, the IN2013R senses the number of cables connected to the output connectors and automatically sets the sync format to RGBHV, RGBS or RGsB. LED indicators located next to the Green, H/Comp Sync, and V Sync output BNCs provide clear visual confirmation of the current output sync format.

**Dual Outputs** - the IN2013R has two data display outputs, allowing the unit to drive a local monitor plus up to two additional data displays.

**Flexible Monitor Emulation** - The interface is factory set to pass through all sense pins to the local monitor. For applications where the IN2013R will be used without a local monitor, dip switches are provided to emulate virtually any monitor or resolution mode. This approach provides maximum flexibility and ease-of-use since all modes may be emulated using the interface alone, eliminating the need for costly and easily lost termination or monitor emulation plugs.

**Multi-Step Sharpness Control** - optimized to offer maximum visible sharpness enhancement with workstation video signals.

Combining uncompromising video performance, signal enhancement, dual outputs, exceptional input / output flexibility, simple operation, and a rugged metal enclosure, the IN2013R is the ideal workstation interface for all types of high resolution display systems.

**IN2013R SPECIFICATIONS**

**INPUT:**
- Connector: 13W3 male on 3’ cable (permanently attached) RGB
- RGB Signals: Analog video, 0.7 Vp-p Nominal.
- Sync Signals: TTL compatible
- Horizontal Sync Range: 15 to 135.0 KHz
- Vertical Sync Range: 30 to 120 Hz
- Bandwidth: 230 MHz @ -3 dB

**OUTPUT:**
- Connectors: 2 sets of (5) BNC female
- Video Gain: Adjustable: .7 - 1.3
- Signal Format: RGBHV / RGBS / RGsB
- Horizontal: 30-40 KHz, 1.5mSec; >40KHz, 0.7 mSec
- Vertical: Input width + 11 mSec
- Sync Pulse: Horizontal: 30-40 KHz, 1.5mSec; >40KHz, 0.7 mSec
- Vertical: Input width + 11 mSec
- Bandwidth: 230 MHz @ -3 dB

**GENERAL:**
- Controls: Horizontal Position, Video Gain, Sharpness, Input Computer Select, Monitor Emulation
- Power Supply: Internal Switch Mode: 90-260 VAC; 47-63 Hz
- Shipping Weight: 5 lbs. / 2.5 kg
- Dimensions: 2.75” x 9” x 6.85” / 7cm x 17.4cm x 22.9cm
- Included Accessories: IN9333 Adjustment Tool, Operation Manual