

# IN3592 2-Input, 1-Output Composite Video Auto-Switcher



The **IN3592** is a high performance 2-input, 1-output composite video auto-switcher. The unit automatically switches between two video sources, routing the selected source to an attached video output device such as a video display, data monitor or projector.

**Video Compatibility** - The **IN3592** operates with low resolution NTSC / PAL / SECAM sources in the composite video format. The unit may also be used with high resolution monochrome video signals from medical imaging devices and other high resolution sources.

**Automatic Switching** - The **IN3592** automatically senses which input has an active video signal based on the presence of a sync signal. If both inputs have active video signals, the unit switches to the highest numbered input. For example, if Input 1 and Input 2 both have active video signals, the higher input number has priority, and Input 2 will be selected. The unit is capable of sensing sync signals with negative polarity and voltages from 0.3V to 5.0V.

BNC connectors are provided for all input and output connections. Cable selection is critical to overall system performance, especially when dealing with high resolution monochrome video signals and/or long cable lengths. High resolution coaxial cables such as the **IN7200-1 Series** are recommended for all input and output connections.

Featuring unattended automatic operation, a compact, durable case enclosure, and high performance, the **IN3592** auto-switcher simplifies A/V system design and installation, providing an elegant, economical solution for many types of audiovisual, presentation, and imaging applications.

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## FEATURES

- Allows One Video Monitor, Data Display or Other Output Device to Share the Signal from Two Composite Video Sources
- Automatically Selects the Active Input
- 100 MHz Video Bandwidth
- Compatible with Composite Video NTSC / PAL / SECAM Sources and High Resolution Monochrome Video
- BNC Input and Output Connectors
- Durable Metal Case Enclosure

## SPECIFICATIONS

### INPUTS:

Connectors: 2 BNC female for composite video  
Video: 5 Vp-p max.  
Sync: 0.2 to 5 Vp-p. Composite sync on video

### OUTPUT:

Connector: 1 BNC female for composite video  
Video: Passive - Output video levels are identical to the input signal

### GENERAL:

Bandwidth: 100 MHz @ -3dB  
Switching Time: 150 mSec typical  
Power Supply: 12VDC, 500 mA external adapter included  
Shipping Weight: 2 lbs. / 1 Kg  
Product Weight: 1 lb. / .5 Kg  
Dimensions: .9" x 4.3" x 2.8" / 2.3cm x 10.9cm x 7.1cm  
Included Accessories: **IN9201** DC Power Supply  
Optional Accessories: **IN7200-1** Ultra High Resolution Coaxial Cables Available in Lengths from 3' to 250' or in Bulk  
UL1950, CAN/CSA-22.2 No.950, Third Edition  
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN0950-92

Regulatory Approvals: