

IN3564HR/ IN3566HR

4-In 1-Out / 6-In 1-Out VGA Switchers



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The **IN3564HR** and **IN3566HR** are high performance VGA switchers. These units allow users to select between four or six VGA video sources, routing the selected source to an attached data display device such as a desktop data monitor, presentation display or data projector. Both models are identical in function and design, with the only difference being the number of inputs:

The **IN3564HR** is a 4-Input, 1-Output VGA switcher.

The **IN3566HR** is a 6-Input, 1-Output VGA switcher.

Wide Compatibility - The **IN3564HR / IN3566HR** switchers offer 350 MHz video bandwidth and are compatible with VGA signals at virtually any resolution and refresh rate. These switchers feature five discrete signal paths per input and are also compatible with analog video signals in a variety of formats including RGBHV, RGBS, RGSB, RsGsBs, monochrome high resolution video, as well as NTSC / PAL / SECAM sources in the component, Y/C, or composite video formats.

15-Pin HD Connectors - The **IN3564HR / IN3566HR** switchers have 15-Pin HD female connectors for inputs and output and connect directly to VGA computer graphics cards and VGA data displays using high resolution VGA extension cables such as the **INLINE IN8000 Series**.

Two Switching Modes - In **Manual Mode**, users select the desired input by pressing a front panel button or remotely via contact closure control. In **Autoswitch Mode**, the switcher automatically selects the active input. If more than one input is active, the highest numbered input has priority. Autoswitch mode is ideal for automatic operation in installations with multiple interfaces or wall plates. The units can be set for Manual Switch or Autoswitch Mode using a slider switch on the back panel of the switcher. A front panel LED illuminates to indicate that the unit has been set to Autoswitch Mode.

Front Panel Control - Users select the desired input by pressing a front panel button. Each time a button is pressed, the switcher selects the appropriate input and an LED lights to indicate the currently selected input. All non-selected inputs are terminated into 75 ohms.

Labelling System - Two attachment post are provided on the front panel above the input selector buttons to securely hold the **IN9348**, an optional plastic name plate that can be engraved to indicate the name of each input source.

continued on reverse

FEATURES

- Compatible with VGA, SVGA, XGA, XGA2, UXGA and All Other VGA Resolutions
- 15-Pin HD Female Input and Output Connectors
- Two Switching Modes: Manual Switch, Autoswitch
- Remote Control via Contact Closure
- Blank Button
- Optional Input Labelling Plate
- 350 MHz Video Bandwidth
- Internal Universal Power Supply
- Compact Unit Rack Mounts in 1U Space With Optional Rack Shelf
- Durable Metal Case Enclosure

SPECIFICATIONS

INPUTS:

Connectors:

IN3564HR - Four 15-Pin HD female
IN3566HR - Six 15-Pin HD female

Compatible Signals:

Video: 0.7 Vp-p nom, 1.5 Vp-p max.
Sync: TTL, 5Vp-p max.
Non-selected inputs are terminated into 75 ohms

OUTPUT:

Connector:
Video:

15-Pin HD female
Passive units. Output video and sync levels are identical to the input signal

GENERAL:

Bandwidth:
Remote Port:
Switching Time:
Power Supply:
Power Consumption:
Shipping Weight:
Dimensions:
Optional Accessories:

350 MHz @ -3dB
15-Pin D female connector
2 mSec typical
Internal Switch Mode: 90-260 VAC; 47-63 Hz
8 watts
3 lbs. / 1.5 Kg Product Weight: 1 lbs. / 0.45 Kg
1.65" x 8.5" x 6" / 4.2cm x 21.6cm x 15.2cm
IN8000 Series High Resolution VGA Extension Cables Available in Lengths from 3' to 250' or in Bulk
IN3590 Wired Remote, **IN3546R** Stereo Audio Switcher
UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN0950-92

Regulatory Approvals:

Remote Control - The **Remote Port** allows for remote input selection by any device which is capable of providing momentary or latching contact closures. The remote port also includes a +5V power supply and tally outputs to provide feedback to a control system. The **IN3590** is an optional hardwired remote control that connects to the remote port, providing remote channel selection from up to 25' away.

The **Blank Button** temporarily disconnects the current input when it is activated. When the blank button is pressed again (deactivated), the switcher returns to the last selected input.

Stereo Audio-Follow-Video capability may be added by using an optional **IN3546R** stereo audio switcher in conjunction with the **IN3564HR / IN3566HR**. The **IN3546R** attaches to the Remote Port, receiving both power and switching commands from the attached VGA switcher.

Two units may be mounted side-by-side in a 1U rack space using the optional **IN9080** rack shelf. A single unit may be rack-mounted using the **IN9080** rack shelf and an **IN9088** half-rack blank panel.

ACCESSORIES INCLUDED

IN9230 Power Cord, IEC Female to Male Edison Plug, 6' Long (USA Only)
Operation Manual

OPTIONAL ACCESSORIES

IN3546R 6-Input, 1-Output Stereo Audio Switcher - Adds Stereo Audio-Follow-Video Switching Capability to IN3500 / IN3600 Series Switchers. Includes IN9112 Control / Power Cable which connects between IN3546R and IN3500 / IN3600 Series Remote or I/O Port.

IN9133 Control / Power Cable for IN3546R with Loop-Through Connector. Allows IN3500 / IN3600 Series switcher to be controlled via contact closures through Remote or I/O port while IN3546R is connected.

IN3590 Hardwired Remote Control with 25' cable. Connects to Remote or I/O port on IN3500 Series / IN3600 Series switchers and provides remote input selection up to 25' away.

IN9080 1U Rack Shelf - Holds (2) IN3564HR / IN3566HR Units Side-by-Side

IN9088 1U Blank Panel - Fills Empty Space When Using IN9080 Rack Shelf with Only One Switcher

IN9348 Engravable Plastic Input Labelling Plate - Attaches to Posts on Front of IN3564HR / IN3566HR Switcher

INPUT / OUTPUT CABLES

IN8000M Series High Resolution VGA Cables, 15-Pin HD Male to 15-Pin HD Male,
Available in a Variety of Lengths from 3' to 250'