SSI-R:

Serial Switch Interface

vei

The SSIR provides a mechanical pushbutton interface to any RS-232 controllable Video Matrix or Keyboard Video & Mouse (KVM) Switch.

Each SSIR can interface up to 128 buttons! You can add even more buttons by stacking additional SSIRs. You can also add an additional serial device to your video matrix or KVM switch via a serial pass through port.

SSIR Serial Switch Interface Unit Overview

How the SSIR works:

Upon ordering an SSIR, tell your VEI-authorized dealer your configuration by filling out a VEI SSIR Configuration Questionnaire outlining:

- Number of displays (outputs)
- Number of sources (inputs)
- Single or multiple input selection configuration
- Any specific customization requirements
- The brand name and model number of the serial-compatible switch
- SSIR options such as the VEI SSIR LCD controller

Install the buttons and wire your single pole single throw (SPST) mechanical switches to the terminals on the back of the SSIR and connect a RS-232 (9-pin) serial cable between the SSIR to the video matrix switch.

Examples of Configurations:

With the SSIR, you can set one button to control the input source of a display and by hitting that same button again you can change the input source.

Another configuration would be to have multiple buttons for each display and each button would correspond to a different input for direct access.

Specifications:

Power: 110/220 VAC 50/60Hz
Size: Standard EIA 2RU Chassis (19" x 3 1/2" x 8")
Color: Durable Black Finish
Button Terminals: Maximum Number of Buttons
                  per SSIR - 128
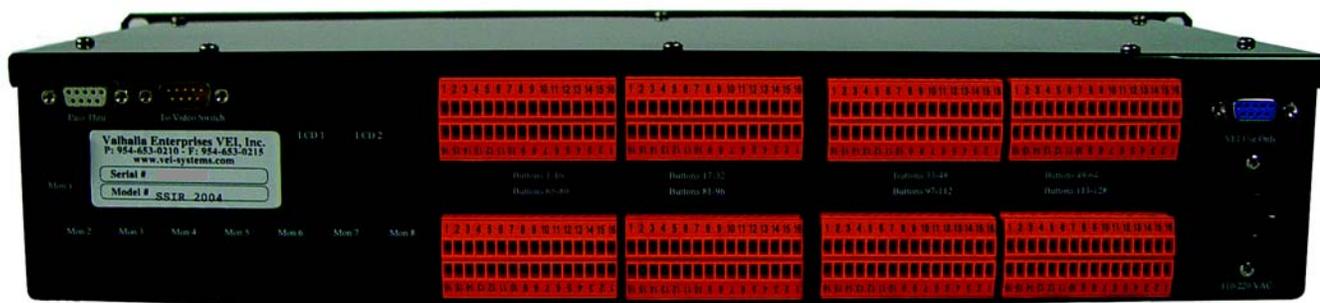Serial Interfaces: 1 female 9-Pin RS-232 &
                   1 male 9-Pin RS-232 serial ports

Package includes:

(1) VEI SSIR: Serial Switch Interface -
      Rack Mountable

(1) 110/220 VAC power cable

(1) RS-232 Serial Cable (Male to Female)

VEI's SSIR, Serial Switch Interface (Rack mountable), allows you to control all of your displays with the ease of pushing simple, mechanical buttons. You no longer have to configure your video matrix or KVM switch directly.

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8"

5"

2"

Monitor Switching
Select Input for **Monitor 6**

Input 1	Input 2
Input 3	Input 4
RADAR	SOUNDER
Navigation	Cameras
Back	Main Menu

SSIR Options

LCD Touch Screen Description

The LCD Touch Screen is a 5.7" touch screen liquid crystal display (LCD) that will simplify switching of inputs and outputs. In effect, the LCD allows the user to easily control the interface of a video switch or a keyboard, video, mouse (KVM) matrix switch. The inputs can be custom labeled for easy reference. For instance, instead of using traditional nomenclature such as Input 1, Input 2, and Input 3…the LCD will be programmed by VEI to label the inputs as Radar, Sounder, or Navigation, CCTV, etc. The outputs can also be custom labeled by VEI as well. The LCD will also be able to set a default configuration so that you can easily set up several monitors to display sources in a specific order.

LCD Features:

- One central panel can control the input selection all of the monitors from a single VEI LCD touch screen panel.
- Custom Labels of Outputs and Inputs to the user specifications. VEI will program the LCD to the configuration of the user.
- Easier and faster control of a video switch or keyboard, video, mouse switch
- A default view allows a specific configuration of monitors to display specific inputs in order at the touch of a button. For instance, the captain of a vessel may always want Radar on Monitor 1 and Sounder on Monitor 4, this can be done instantaneously.
- An "All Monitors Switching" control allows a certain input to be displayed on all of the monitors at the touch of a button.

SSIR LCD Touch Screen

The SSIR LCD can be purchased with the SSIR which will allow virtual push buttons to easily control all of the menu functions of individual monitors and key functions of all of the monitors simultaneously.

The SSIR LCD, as a part of the SSIR with LCD, will allow the user to remotely control the menu functions of individual VEI monitors. All of the buttons on the VEI monitor can be controlled by the LCD. The most powerful feature is to be able to synchronize all the VEI monitors to a Day Mode, Night Mode, Red Screen Mode, Default Mode, and Power all of the VEI monitors on or off at the touch of a button on the LCD.

Overall Dimensions:

BEZEL - 8" width, 5" length, 1/4" depth.
(top of Bezel to bottom of bezel)
BOX - 7 1/4" L, 4 13/16" H, 2" D
Allow an additional 3" for Power & RS-232 cable connectors which are at the center, bottom and back of the box, and cable bends. There are 2 screw holes on each side of the bezel to mount to the panel from the rear.

SSIR LCD
Touch Screen Features:

- Simultaneously set all of the monitors to Day Mode, Night Mode, Red Screen, or Default Mode
- Control the power to all of the monitors simultaneously
- Control the menu functions of each individual VEI monitor from one central location

WaterProof Panel

All of the features and versatility of the LCD version in a mount anywhere, waterproof package. LED indicators let you know which monitor(s) you are adjusting even under less than ideal conditions. The buttons themselves are long lasting and water tight. Fully customizable.
(Eight monitor sample shown above)

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