GefenPRO

16x16 3G-SDI Matrix with Internal Power Supply & Front Panel Direct Access Buttons

GEF-3GSDI-16416-PB

Routes sixteen 3G-SDI input sources to any sixteen 3G-SDI locations

Simplify the process of routing up to 16 3G-SDI input sources to any of 16 3G-SDI locations without losing quality or resolution. The GefenPRO 16x16 3GSDI Matrix provides a simple, reliable, and highly effective method of streamlining any installation using multiple sources and outputs, taking the hassle out of managing multiple connections. Each 3G-SDI source is accessible at all times from any location using the front-panel buttons, IR remote unit, built-in RS-232 or using IP control for control and switching commands. The intutive front panel buttons allow direct access of input-to-output routing. This product has redundant power supplies for 24/7 operation.

How It Works

The GefenPRO 16x16 3GSDI Matrix has 16 3G-SDI inputs and 16 3G-SDI outputs. Connect 16 sources to the 3G-SDI BNC input ports on the GefenPRO 16x16 3GSDI Matrix's input side. Connect the GefenPRO 16x16 3GSDI Matrix's 16 3G-SDI outputs to the destination 3G-SDI locations. Plug in the two power cords and power ON the GefenPRO 16x16 3GSDI Matrix. The sources will be routed to the destination according to the selection made using either the front panel buttons, IR remote control, RS-232, or IP control.

Features:

• External genlock connection (Ref In)
• Loop connector for display
• Supports resolutions up to 1080p, 1920x1200 and 2K
• Intuitive front panel buttons for local switch control
• IP Control
• Serial RS-232 interface for remote control via a computer or control automation devices
• Discrete IR remote control
• Dual internal power supply for 24/7 operation
• Grounding pin
• IR Extender
• Power On/Off switch
• Status LCD (shows routing status)
• Rack mountable
• Supports all SDI type formats
• Backward-compatible with SDI and HD-SDI signals
• Energy Star compliant
• Standby mode
• Firmware upgrade via RS-232

Specifications:

• Video Amplifier Bandwidth: 225 MHz per channel
• Input/Output: SDI (SMPTE 259M, up to 360 Mbps)
• Input/Output: HD-SDI (SMPTE 292M, up to 1.485 Gbps)
• Input/Output: 3G-SDI (SMPTE 424M/425M, up to 3.0 Gbps)
• Input Video Signal: 1.2 Volts p-p
• RS-232 Connector: DB9 Female
• 3G-SDI connector: BNC
• Input/Output impedance: 75Ω
• Genlock Sync support: Tri-level and Blackburst
• Output level: 750 - 850mV p-p
• IP Connector: RJ-45
• Dual Power Supply: AC 110/220V (internal)
• Power Consumption: 30W (max)
• Dimensions: 17.25" W x 3.5" H x 7" D
• Shipping Weight: 13.9 lbs

Specifications subject to change without notice.