Gefen GEF-3GSDI-16416 GefenPRO 16x16 3GSDI Matrix Switch

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 Control unit, built-in RS-232 or by using IP control for control and switching commands. 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. 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(s) according to the selection made.

Features:

- Increases productivity by providing instant access to all sources and displays
- Supports resolutions up to 1080p, 1920x1200 and 2K
- Supports all SDI video/audio formats including SDI, HD-SDI and 3G-SDI
- Front panel control buttons for local switching
- IP Control
- Serial RS-232 interface for remote control via a computer or control automation device(s)
- Discrete IR Remote Control
- Dual (Redundant) Internal Power Supply for 24/7 Operation
- IR Extender jack
- Sync Loop connector for display
- Status LCD (shows routing status)
- External Genlock Connection (REF IN Connector- bi-level / tri-level))
- Energy Star Compliant
- Standby Mode
- Firmware Upgradable via RS-232 port
- Power On/Off Switch
- Grounding terminal on rear panel
- Rack Mountable (rack adapters included)

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)
- SDI Input connectors: (16) BNC female
- SDI Output connectors: (16) BNC female
- SDI External Reference Sync In connector: (1) BNC female
- SDI External Reference Loop Out connector: (1) BNC female
- RS-232 Connector: DB-9 Female
- Ethernet (IP Control) Connector: RJ-45
- Input/Output impedance: 75 Ohms
- Genlock Sync support: Tri-level and Blackburst (bi-level)
- Output level: 750 - 850mV p-p
- Input Video Signal: 1.2 Volts p-p
- Dual Redundant Power Supplies: AC 110/220V (internal)
- Power Consumption: 30W (max)
- Dimensions: 17.25'' W x 3.5'' H x 7'' D (19" W with included rack adapters)
- Shipping Weight: 13.9 lbs

Package Includes:

- (1) GefenPRO 16x16 3GSDI Matrix
- (1) 6-foot Serial DB9 Cable (M-F)
- (1) IR Remote Control Unit
- (2) AC Power Cords

- (1) User Manual