Route Ultra-HD 4Kx2K 60Hz 4:4:4 HDMI video and audio signals from many video sources to multiple displays.

- Configure and control the switch through front panel buttons, Ethernet, IR remote control, or RS232.
- Supports Ultra-HD 4Kx2K resolutions (4096x2160 and 3840x2160 @ 24/30/60Hz YUV 4:4:4) and HDTV resolutions to 1080p.
- Each input can be independently connected to any or all outputs.
- HDCP 2.2 compliant.
- HDMI features supported:
  - HDMI 2.0
  - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM
  - YUV 4:4:4
  - HDR
  - 3D
  - Bandwidth up to 600 MHz (18 Gbps)
  - Lip Sync
- Switch audio independently of video from connected HDMI sources (e.g. source 1 and source 2 video are active while only source 3 audio is active).
  - HDMI-embedded audio switching (four-channel stereo mixing)
  - SPDIF digital audio out ports for each source.
- Configurable built-in EDID table
- Compact 1RU design
- Mounting kit included

**Specifications**

**Inputs**
- Female HDMI input connectors
- Compatible with computers and UHD video sources (satellite receivers, Blu-Ray players, etc) with HDMI video.
- Supports HDCP 2.2/1.4

**Outputs**
- Female HDMI output connectors
- RCA jacks for SPDIF digital audio.
- HDMI-embedded audio switching (four-channel stereo mixing).
- Supported resolutions
  - 4Kx2K (4096x2160 and 3840x2160) @ 24Hz/30Hz/60Hz YUV 4:4:4
  - 480p @ 60Hz, 576p@50Hz, 720p@60Hz, 1080p @ 24/50/60Hz
- Supports HDCP 2.2/1.4
- Video bandwidth: 600MHz (18 Gbps)

**Power**
- Input: 100 to 240 VAC at 50 or 60 Hz via AC adapter (AC adapter included.)
- Output: 12VDC, 3.0A
- Power consumption: 19W

**Environmental**
- Operating temperature: -4 to 140°F (-20 to 60°C).
- Storage temperature: -40 to 158°F (-40 to 70°C.)

**Dimensions**
- WxDxH (in): 17.32x8.66x1.75 (440x220x44 mm).

**Cables**
- Use HD-xx-MM HDMI cables to connect an HDMI source or display.
  - Supports cable lengths to 50 feet for 4Kx2K resolutions at 60Hz
  - Cables not included.

**Regulatory Approvals**
- CE, FCC, RoHS

**Warranty**
- Two years

**Package Includes**
- One 4K HDMI Video Matrix Switch
- One power adapter
- One IR remote
- One IR extension cable
- Mounting kit

**Compatible NTI Products**
- Combine NTI’s extenders, switches, splitters and cables for complex applications
  - 4K HDMI Extender via One CATx (ST-C64K-300)
  - Each output on the switch must be set to 3840x2160 @ 30Hz.
  - Video Wall Processor (SPLITMUX-4X4-HDVWC)
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Control Methods

**Front Panel Interface**
- Standard control method
- Configuration and control can be done using the front panel buttons.
- Keypad allows selection of the input source to be routed to the desired outputs.

**Ethernet Control**
- Standard control method.
- Configuration can be done over the Internet via Web server.
- Female RJ45 connector.
- 10/100 BaseT Ethernet interface.

**RS232 Control**
- Standard control method
- Configuration and control can be done through the serial port.
- Female DB9 connector.
- Control the switch using the Control Program with Graphical User Interface (GUI control) via RS232. (Control software included.)

**Infrared Remote Control**
- Standard control method
- IR control of matrix switch:
  - The matrix switch can be controlled locally with the included IR remote using the built-in IR receiver on the switch.
  - Extend IR control up to 3.9 feet (1.2 meters) with IR extension cable (included).
  - One female 3.5mm port for IR extension.

**Configuration and Cable Illustration**

![Configuration and Cable Illustration](image-url)