

GHSW8431 3-Port True 4K Switch with HDMI® Connection (TAA)



- Connect and switch between 3 HDMI® sources on 1 HDMI display
- True 4K resolutions to 4096 x 2160 @ 60Hz (4:4:4)
- Cascade up to 3 levels (27 source ports)
- Distribute uncompressed audio formats
- · Flexible control via push-button, IR remote control

3-Port True 4K Switch With HDMI®

The IOGEAR 3-Port True 4K Switch with HDMI connection offers smooth, quick switching between three (3) HDMI video sources such as a computer, Blu-ray or media player, and cable or satellite receivers and a single HDMI display. Send crystal clear, Cinema 4K video reaching true 4K resolutions to 4096 x 2160 @ 60Hz with 4:4:4 Chroma subsampling, High Dynamic Range (HDR10) and uncompressed audio for any variety of uses including home theater, in lobbies and conference rooms and for digital signage.

Flexible Source Switching

Easily switch between each source automatically or manually. Utilize three (3) Switch Modes and auto-cycle through your sources with smooth video transitions to display a variety of content. Manually switch between sources with the included IR remote control, or select a source via front panel push-buttons in settings where a remote control is not needed.

- Connect and switch between 3 HDMI® sources on 1 HDMI display
- True 4K resolutions to 4096 x 2160 @ 60Hz (4:4:4)
- Cascade up to 3 levels (27 source ports)
- Distribute uncompressed audio formats

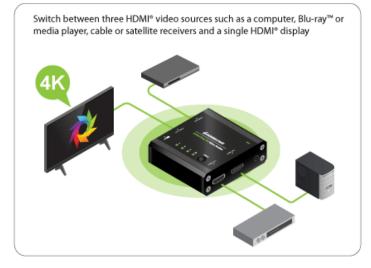
- Flexible control via push-button, IR remote control
- Auto-Switch mode detects & selects new HDMI port connections
- Supports high-speed data rates up to 18 Gbps
- HDCP 2.2 Compliant
- TAA Compliant
- CEC Support











Requirements

• HDMI source

projector

• HDMI Display or

Package Contents

- GHSW8431 3-Port
- True 4K HDMI Switch
- Remote Control
- IR Extension Cable
- USB to Micro USB
 Power Cable
- User Guide
- Warranty Card

Specifications

ConectorsIntl DimensionsVideo InputHDMHeight3.06 in.Video OutputHDMLength3.11 in.Video ResolutionMax 096 x2160 060bt2 (4:4:4)Depth0.96 in.AutioMax 000 digital audio signalsHight Name0.96 in.Autio Output1.1CPM, Doby True HD and DTS-HD Max 000 digital audio signalsHeight Name0.96 in.Power On1.1CPM, Doby True HD and DTS-HD Max 000 digital audio signalsHeight Name0.96 in.Power On1.1CPMMax 000 digital audio signalsHeight Name1.96 in.Power On1.0SPHeight Name1.96 in.1.96 in.Power On1.0SPMax 000 digital audio signalsHeight Name1.96 in.Power On3.0SOMADoph Name1.96 in.1.96 in.Power On Constraint Const	Function	GHSW8431	Dimensions	GHSW8431
Video Output HDMI Length 3.11 in. Video Resolution Max 4096 x 2160@60Hz (4:4.4) Depth 0.66 in. Audio Unit Package Dimensions Intervention Audio Output 7.1 LPCM, Dolby True HD and DTS-HD Master Audio digital audio signals Height 1.65° LEDs Length 5.08° Power On 1 LED Depth 4.88° Pott ID 1 per port Height 1.61° Video Streaming 18 Gbps Height 15° Switches Depth 15° 16° Power 5//500mA Depth 11° Power 5//500mA Depth 11° Power Stristing to next mode Weight 4.30° Housing Case Metal 10° Cabe Distance Metal 17.40	Connectors		Unit Dimensions	
Video Resolution Max 4096 x 2160@60Hz (4:4:4) Depth 0.96 in. Audio Unit Package Dimensions Unit Package Dimensions Audio Output 7.1 LPCM, Dolby Tue HD and DTS-HD Master Audio digital audio signals Height 1.65* LEDs Depth 0.96 in. Power On 1 LED Depth 4.88* Port ID 1 per port Master Carton Height 5.08* Video Streaming 18 Gbps Height 8* Power St/500mA Depth 15* Power St/500mA Depth 11* Power Auto Switching to next mode Weight 4.38* Fort Selection Auto Switching to next mode Weight Case Metal Master Carton Wt. 17.40 Case Up to 10 ft. input and output Master Carton Wt. 17.40	Video Input	HDMI	Height	3.06 in.
Audio Unit Package Dimensions Audio Output 7.1 LPCM, Dolby True HD and DTS-HD Master Audio digital audio signals Height 1.65° LEDs Length 5.08° Power On 1 LED Depth 4.88° Port ID 1 per port Master Carton 15° Video Streaming 18 obps Height 8° Switches Unith Package Dimensions 15° Power 18 obps Depth 15° Power 50/500mA Depth 15° Power 50/500mA Depth 11° Port Selection Auto Switching to next mode Weight 24 Housing Case Master Carton Wt. 17.40 Case Up to 10 ft, input and output Unit Pack Wt. 0.70 lb	Video Output	HDMI	Length	3.11 in.
Audio Output 1.1 LPCM, Dolby True HD and DTS-HD Master Audio digital audio signals Height 1.65" LEDs Length 5.08" Power On 1 LED Depth 4.88" Port ID 1 per port Master Carton 4.88" Video Streaming 18 Gbps Height 8" Switches Vidon Master Carton Qtu 15" Power 5V/500mA Depth 11" Port Selection Auto Switching to next mode Weight 4 Housing Kater Carton Qtu 24 Case Metal Master Carton Wt. 17.40 Cable Distance Up to 10 ft. input and output Up to 20 ft. input and output	Video Resolution	Max 4096 x 2160@60Hz (4:4:4)	Depth	0.96 in.
Master Audio digital audio signals Length 5.08" LEDs Depth 4.88" Power On 1 LED Depth 4.88" Port ID 1 per port Master Carton 14 Video Streaming 18 Gbps Height 8" Switches 10 15" Power 51/500mA Depth 11" Port Selection Auto Switching to next mode Master Carton Qty. 24 Housing Matel Master Carton Wt. 17.40 Case Metal Master Carton Wt. 17.40	Audio		Unit Package Dimensions	
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Video Streaming 18 Gbps Width 15" Width 15" Power 5V/500mA Depth 11" Port Selection Auto Switching to next mode Master Carton Qty. 24 Housing Weight 17.40 Case Metal Master Carton Wt. 17.40 Up to 10 ft. input and output Up to 10 ft. input and output	Port ID	1 per port	Master Carton	
Switches Depth 11" Power 5V/500mA Master Carton Qty. 24 Port Selection Auto Switching to next mode Weight 74 Housing Master Carton Wt. 17.40 Case Metal Unit Pack Wt. 0.70 lb	Video Streaming	18 Gbps	Height	8"
Power 5V/500mA Master Carton Qty. 24 Port Selection Auto Switching to next mode Weight 24 Housing Weight Master Carton Wt. 17.40 Case Metal Up to 10 ft. input and output Unit Pack Wt. 0.70 lb	Switches		Width	15"
Port Selection Auto Switching to next mode Housing Weight Case Metal Cable Distance Up to 10 ft. input and output	Power	5V/500mA	Depth	11"
Housing Master Carton Wt. 17.40 Case Metal Unit Pack Wt. 0.70 lb Cable Distance Up to 10 ft. input and output 0.70 lb	Port Selection	Auto Switching to next mode	Master Carton Qty.	24
Case Metal Cable Distance Up to 10 ft. input and output	Housing		Weight	
Cable Distance Up to 10 ft. input and output	Case	Metal	Master Carton Wt.	17.40
	Cable Distance	Up to 10 ft. input and output	Unit Pack Wt.	0.70 lb
Environment 0.33 ID	Environment		Unit Wt.	0.33 lb
Operation Temperature 32~104°F (0~40°C)	Operation Temperature	32~104°F (0~40°C)		
Storage Temperature -4F ~ 140F (-20 - 60C)	Storage Temperature	-4F ~ 140F (-20 - 60C)		
Humidity 0-80%	Humidity	0-80%		