

GHSP8218E

## 8-Port Cat 5e/6 Splitter with HDMI Connectors



### HDMI Cat 5 Splitter

The IOGEAR 8-Port HDMI® Cat 5e/6 Splitter that takes high definition audio and video from a single HDMI media source and directs it to 8 separate HD TVs or displays with 3D support via Cat5e/6 receiver; GH8201ER\*. Being HDCP compliant, the unit is able to support the highest quality HD video and multi-channel digital audio; enabling the splitting of HD content from DVR / Set-top boxes, Blu-Ray players, computers and other HD or non HD devices. The loop-through HDMI OUT Port offers additional flexibility for cascading and local monitor support. Designed with 1U rack-mountable metal casing.

Distribute Full HD 1080p (24 / 60 Hz) or your 3D content with multi-channel digital audio and 12-bit Deep Color.

### Applications: Home - Boardroom - Education - House of Worship - Sports Bar

The IOGEAR 8-Port HDMI® Cat 5e/6 Splitter can cascade up to 3 levels supporting up to 512 HDMI signals. Cascading distance from source to device 6ft, device to device 50ft and device to display 65ft; makes a total of 121ft through cascade.

\*GH8201ER sold separately

- Distribute a single HD media source up to 8 HDMI displays over Cat 5e/6 cables up to 196 feet
- Connect with HDMI CAT5e/6 Audio/Video Receiver (Part No: GH8201ER)\*
- Works with DVR / Set-top boxes, Blu-ray / DVD players, media servers, computers, and many more
- A local HDMI Out Port allows flexibility for cascading and one additional local viewing monitor connection.
- High resolution support:
  - 1080p up to 130ft
  - 1080i up to 196ft
- Full 3D Support
- Auto-detects the highest common resolution of connected displays\*\*
- Supports 12-bit Deep Color
- Cascadable\*\*\*

- LED indication of displays
- HDCP Compliant
- Backwards compatible with DVI devices with HDMI to DVI adapter
  - Via HD (F) to DVI (M) Adapter - IOGEAR Part No. GHDFDVMW6

\*Note: Extension range may vary with different devices and Cat 5e/6 cables

\*\*Note: For HD media sources that support auto video resolution scaling

\*\*\*HDCP Limitation While Cascading:

If your media content is HDCP enabled, the splitters will only support up to the maximum HDCP keys that are available (127 keys). In other words, with HDCP enabled content, the splitters can support up to 127 displays. If your media content is not HDCP enabled, then the splitters can support the full three-level cascade (512 displays).



**How does it work?**

■ Connect your HDMI device to the GHSP8218E

■ Use local HDMI port to preview the source content being distributed

■ Distribute 1 source up to 8 HD TVs or displays via 2 Cat 5e/6 cables and the GH8201ER\*

■ Connect to an RS-232 control system



\* GH8201ER required and sold separately

**Requirements****Hardware**

- 1 GH8201ER per display

**Media Source**

- 1 HDMI output

**Cable\***

- 1 HDMI cable
- 2 Solid CAT5e/6 cable per GH8201ER

\* Cables not included

**Package Contents**

1 x 8-Port HDMI Cat 5e/6 Audio / Video Splitter  
1 x Rack Mount Kit  
1 x Power Adapter  
1 x Foot Kit  
1 x Quick Start Guide  
1 x Warranty Card

**Specifications****Function****LEDs**

Power On	1
Port Status	8 (Output)

**Power**

Voltage	DC6V
Amps	2A
<b>Power Consumption</b>	12 Watts (max)

**Data Rate** Up to 2.25Gbps

**Video Resolution** 480i / 480p / 720p / 1080i / 1080p; VGA / SVGA / XGA / SXGA / UXGA

**Cable Connections**

Input	HDMI
Output	HDMI

**Connectors (Input)** 1 x HDMI Type A 19 Pin Female

**Connectors (Output)** 8 x HDMI Type A 19 Pin Female

**Environment**

Operation Temperature	32F~122F (0C~50C)
Humidity	0-80% RH (Non Condensing)
Storage Temperature	-4F~140F (-20C~60C)

**Housing**

Case	Metal
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**Dimensions****Unit Dimensions**

Height	2.13"
Length	17.22"
Depth	6.1"

**Unit Package Dimensions**

Height	9.5"
Length	21.5"
Width	4.75"

**Master Carton**

Height	10"
Width	15"
Depth	21.25"
Master Carton Qty.	3

**Weight**

Master Carton Wt.	21.40lbs
Unit Pack Wt.	6.5lbs
Unit Wt.	4.74lb