

GUV303

# UpStream™ Pro Video Production Switch (TAA Compliant)



- Capture, preview, monitor live video, record, edit & stream with a single device
- Easily create pro-quality video content and dual livestream it to a global audience
- 6-In-1 Video production solution simplifies your workflow, reducing hardware needs
- Built-in 1080p/4K video capture, switch, splitter, converter, streaming encoder & audio mixer
- Livestream or pre-record content such as training & education, virtual events, corp. communications

## Professional-Quality Livestreaming Simplified

The TAA Compliant UpStream™ Pro Video Production Switch is a 6-in-1 solution that combines and simplifies the hardware and software tools you need to livestream like a pro! Along with UpStream Studio™, a robust iPad app, you can control, preview and monitor live video, record, edit and add a variety of professional effects that enhance your program content.

UpStream Pro is perfect for individuals, education, non-profits, startups and enterprise businesses alike, opening a whole new world of virtual communication. Livestream or pre-record and stream any relevant content such as training and educational videos, fundraising events, corporate communications, or virtual conferences to a growing number of platforms.

Whether you're an aspiring YouTuber, an up and coming Twitch streamer or an experienced content creator, you too can stream like a pro with UpStream Pro.

- Capture, preview, monitor live video, record, edit & stream / broadcast with a single device
- Easily create pro-quality video content and dual livestream it to a global audience
- 6-In-1 Video production solution simplifies your workflow, reducing hardware needs
- Built-in 1080p/4K video capture, switch, splitter, converter, streaming encoder & audio mixer
- Livestream or pre-record content such as training & education, virtual events, corp. communications
- Connect, capture up to 3 HDMI sources with 4K & 1080p cameras; 1080p output
- No PC or Macro required: Powerful hardware & intuitive app enhance program content fast & easy
- UpStream Studio™ App for iPad\*: Control, preview, edit in real time, add pro effects, adjust layout
- Pro-level effects include 8-pre-set scenes, customized overlays, & smooth transitions
- Adjust video layout options to Full Screen, Picture-by-Picture (PBP) or Picture-in-Picture (PIP)
- Features full-screen program preview
- Quick Switch mode: Instant scene transitions when pressing any of the 8 preset scene buttons
- Compact design easily fits on a desk or set table out of camera view
- Large backlit push buttons put control at your fingertips in low lighting and while livestreaming
- Stream-Ready: Livestream or record content directly to any two online video services
- Compatible with CDN platforms & online video services like YouTube, Facebook, Vimeo, Twitch
- Portable: Single lightweight design eliminates other bulky equipment, simplifying location changes
- Save rough footage or final cut video by connecting an external drive to the USB-A port\*\*
- Optimized fanless thermal air flow system offers a quiet operation
- TAA Compliant

\* Proprietary connector is provided for use with iPad Pro (3rd gen) with iOS 11 or later. The following iPads with iOS 11 or later will require the use of a Lighting to USB 3 Adapter from Apple: iPad Pro (1st gen), iPad Pro (2nd gen), iPad (5th gen), iPad (6th gen), iPad Air (3rd gen), iPad Mini (5th gen)

\*\*Requires firmware update





## Requirements

- iPad Pro (3rd gen) with iOS 11 or later

The following iPad with iOS 11 or later (Additional Apple Lightning USB 3 Camera Adapter is required):

- iPad Pro (1st & 2nd gen)
- iPad (5th, 6th & 7th gen)
- iPad Air (3rd gen)
- iPad Mini (5th gen)

Upstream Studio App:  
<https://apps.apple.com/us/app/upstream-studio/id1487894784>

## Package Contents

- 1x GUV303
- 1x USB-A to USB-C Cables (Custom)
- 1x USB-A to USB-A Cables (Custom)
- 1x AC Power Cable
- 1x QSG
- 1x Warranty card

## Specifications

Function	GUV303
<b>Video connections</b>	
Input	1 x 4K HDMI Type-A Female   (up to 4K@60, no HDCP support)   2 x HDMI Type-A Female   (up to 1080p@60, switcher, no HDCP support)
Output	1 x 4K Loop-Thru HDMI Type-A Female   (up to 4K@60, no HDCP support)   1 x PGM HDMI Type-A Female   (up to 1080p@60, no HDCP support)
<b>Environment</b>	
Humidity	0 - 80% RH, Non-Condensing
Operation Temperature	0 - 40 °C
Storage Temperature	-20 - 60 °C
<b>Operating System Requirements</b>	
iOS	The following iPad with iOS 11 or later: iPad Pro (1st gen, 12.9")   iPad Pro (1st gen, 9.7")   iPad Pro (2nd gen, 12.9")   iPad Pro (2nd gen, 10.5")   iPad Pro (3rd gen, 12.9")   iPad Pro (3rd gen, 11")   The following iPad devices with iOS 11 or later (Additional Apple Lightning to USB Camera Adapter is required): iPad (5th gen)   iPad (6th gen)   iPad (7th gen)   iPad Air (3rd gen)   iPad Mini (5th gen)
<b>Connectors</b>	
Audio Input	HDMI captured inputs (stereo)   1 x Mic input, 6.5mm jack (dual mono)   1 x Line

Dimensions	GUV303
<b>Unit Dimensions</b>	
Height	3.54" (9cm)
Depth	6.29" (16cm)
Length	11.22" (28.5 cm)
<b>Unit Package Dimensions</b>	
Width	14.5" (37 cm)
Height	11.41" (29 cm)
Depth	5.23" (13.3 cm)
<b>Master Carton</b>	
Width	12" (30.5 cm)
Height	14.9" (38 cm)
Depth	6.1" (15.7cm)
Master Carton Qty.	1
<b>Weight</b>	
Master Carton Wt.	6.8 lbs
Unit Pack Wt.	5.3 lbs
Unit Wt.	4.25 lbs

Audio Output HDMI outputs (stereo) <br/> 1x Line output, 3.5mm Jack (stereo)

#### Connectors-Audio(console)

Line In RCA Line in  
Microphone 1/4 inch TRS input

#### Upstream Port

USB-A 1 x USB 3.2 Gen 1

#### Downstream Port

USB-A 1 x USB 2.0  
Ethernet 1 x GbE

#### Video Resolution

Input Resolution HDMI1 <br/> <p style="margin-left: 16px;">VGA: <br/>640x480, 480p: 720x480, SVGA: 800x600, XGA: 1024x768, 720p: 1280x720, SXGA: 1280x1024, WXGA+:1440x900, UXGA: 1600x1200 (RB), WUXGA+:1680x1050, 1080p: 1920x1080, 4K UHD: 3840x2160, 4K DCI : 4096x2160</p><br/> HDMI2 A/B <br/> <p style="margin-left: 16px;">VGA: <br/>640x480, 480p: 720x480, SVGA: 800x600, XGA: 1024x768, 720p: 1280x720, SXGA: 1280x1024, 1360x768, WXGA+: 1440x900, UXGA: 1600x1200(RB), 1080p: 1920x1080</p>

Output Resolution SRC/PGM HDMI <br/> <p style="margin-left: 16px;">480p: <br/>720x480, 576p: 720x576, 720p: 1280x720, 1080p: 1920x1080</p><br/> HDMI Loop-Through <br/> <p style="margin-left: 16px;">VGA: <br/>640x480, 480p: 720x480, SVGA: 800x600, XGA: 1024x768, 720p: 1280x720, SXGA: 1280x1024, WXGA+:1440x900, UXGA: 1600x1200 (RB), WUXGA+:1680x1050, 1080p: 1920x1080, 4K UHD: 3840x2160, 4K DCI : 4096x2160</p>

#### Network Protocol

Multi-Publish to Streaming Server / CDN (RTMP/RTMPS)

Video Encoding Format: H.264 <br/> Bit rate: 512Kbps~10Mbps <br/> Color Format: YUV420 <br/> Resolution: 1080p30, 720p30, 480p30

Audio Encoding Format: AAC <br/> Sampling Rate: 48kHz <br/> Bit rate: 128kbps

#### Recording Storage

Max. video resolution: 1080p30 <br/> File format: MP4 <br/> Support media: USB 3.x compatible flash drive or mobile drive (HDD / SSD), at least 32GB of free space