

# HS-1600T MARK II

4-Channel HD/SD HDBaseT Portable  
Video Streaming Studio

**datavideo**



## Features

- Portable & compact 4-channel HDBaseT Switcher
- Dual streaming encoder to send live video to two CDN platforms such as YouTube and Facebook
- Built-in H.264 Recording to SD card
- Single Cat6 cable provides power, video, camera control and tally to cameras
- Control pan, tilt, zoom and memory presets for up to 3 cameras.
- HDMI Input for computer presentations or adding lower 3rd titles with loop thru
- High-quality Neutrik locking ethernet ports for cameras
- Quadview 17" high-quality broadcast preview monitor
- Video effects including: Lumakey, PiP window, and Split Screen
- XLR audio input to embed audio from your mixer

## Overview

The HS-1600T Mark II is an all-in-one live video production and streaming solution designed with a single operator in mind. This HDBaseT switcher uses a single Cat6 cable to provide power, video, camera control and tally lamp, in a compact and portable footprint. The HS-1600T Mark II brings a new level of simplicity to production workflows. You'll set up faster and easier thanks to its portable "briefcase" design and HDBaseT Technology. And thanks to its built-in H.264 web streaming encoder, you can stream your show to virtually any CDN like YouTube and Facebook at the same time. This increase in flexibility greatly reduces setup time, allowing you to mount the cameras in challenging locations (like spots without nearby power outlets) It's volunteer and novice friendly allowing you to produce and stream any live event meeting, tradeshow, townhall, government event, worship, sports, and musical performances.

## Recommended Accessories

### Datavideo:

- Wall Mount: WM-1 (W)
- HdBaseT Cables
- Camera case: HC-800FS or HC-800F
- Compatible Cameras: PTC-140T, PTC-140TW, PTC-150TL, PTC-150TLW

### 3rd Party Case Options:

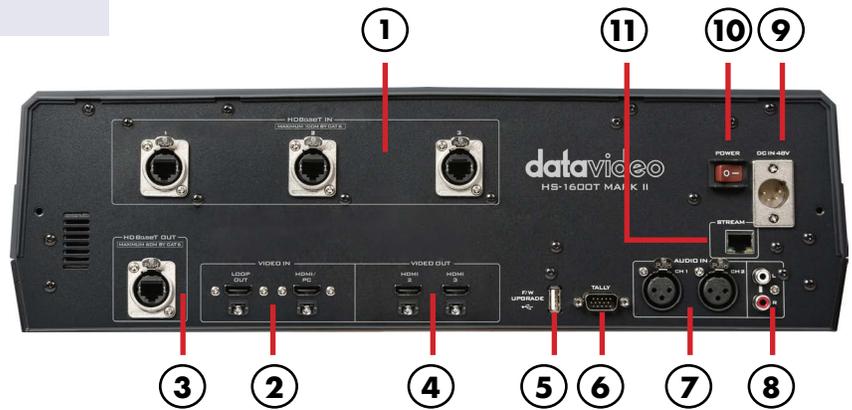
- Gator Cases Part # GU-2217-08-WPDF
- Pelican Cases Part # 1610WF
- Pelican Cases Part # iM2720-X0001

# HS-1600T MARK II

## 4-Channel HD/SD HDBaseT Portable Video Streaming Studio

### Rear Panel I/O Function

1. HDBaseT Port IN x 3
2. HDMI Video IN
3. HDBaseT Port OUT x 1
4. HDMI Video OUT x 2
5. USB F/W Upgrade Port
6. TALLY Output Port
7. AUDIO IN – XLR Balanced CH1/CH2
8. AUDIO IN – Stereo RCA (Left/Right)
9. DC IN
10. Power Switch
11. Stream Port



### Front Panel

1. Stream to Facebook Live, YouTube, Twitch, and more
2. Built-in H.264 recorder for SD cards
3. Volume control
4. Preview Program
5. Menu / Power control.
6. Built-in camera control.
7. Switcher / Transitions control.



### Installation and Cable Recommendations

#### Minimum cable requirements:

1. CAT5e solid core ethernet cable

#### Recommended cabling for HDBaseT:

2. CAT6 or higher, solid core shielded ethernet cable

HS-1600T is compatible with Neutrik® etherCON CableConnector Carriers.

#### Listing below of specific connector models:

1. NE8MX-1
2. NE8MX-B
3. NE8MX-B-1

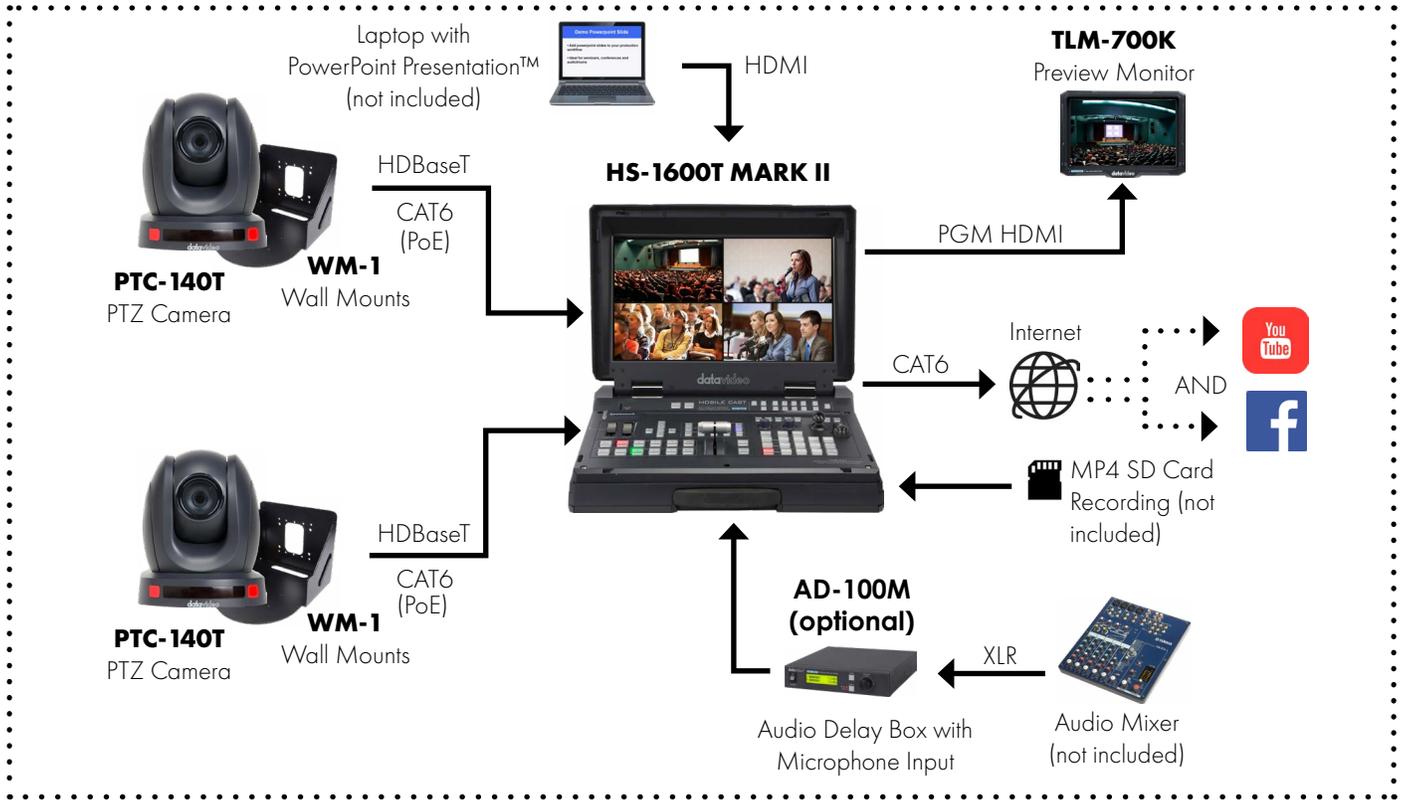
### Recommended SD Cards

KINGSTON	SDHC C10	16GB
SANDISK Extreme	SDXC C10 U3 V30	64GB
SONY	SDXC C10 U1	64GB
SANDISK Extreme PRO	SDXC C10 U3	128GB
SONY	SDXC C10 U3	64GB
TOSHIBA	SDHC C10	16GB
SANDISK Extreme	SDHC C10	16GB
SANDISK ULTRA®	ULTRA SDHC SDXC UHS-I	128GB
ADATA Premier Pro	microSDXC UHS-I	64GB
	U3 Class 10	

# HS-1600T MARK II

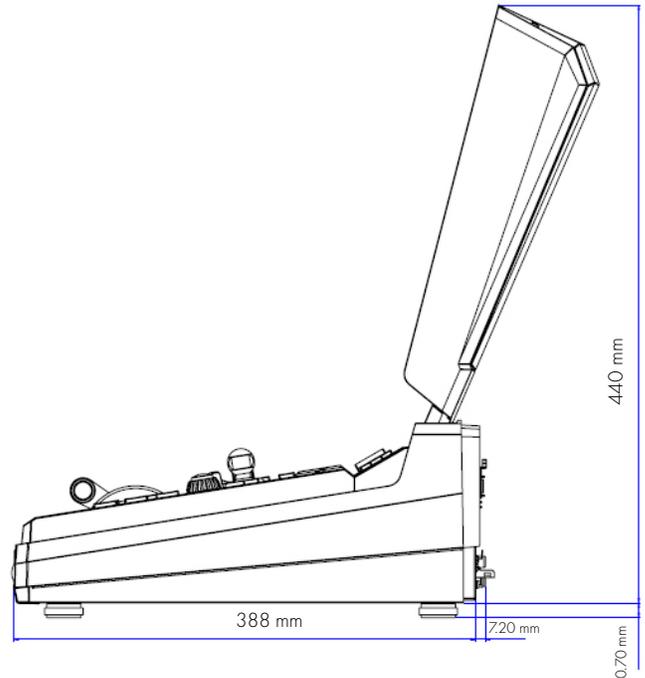
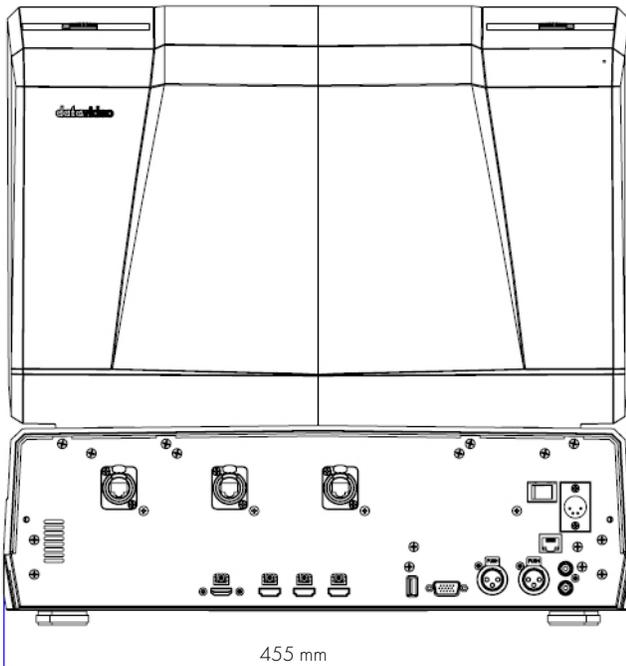
4-Channel HD/SD HDBaseT Portable  
Video Streaming Studio

## Workflow



## Dimensions

All measurements in millimeters (mm)



10.70 mm

## Specifications

<b>Model Name</b>	<b>HS-1600T MKII</b>
<b>Product Name</b>	4-Channel HD/SD HDBaseT Portable Video Streaming Studio
<b>Video Standard</b>	HD & SD
<b>Video Format</b>	1080p 50/59.94/60Hz 1080i 50/59.94/60Hz 720p 50/59.94/60Hz 576i/p 50Hz 480i/p 59.94Hz
<b>Input Routable / Crosspoint</b>	N/A
<b>Video Input</b>	3 x HDBaseT 1 x HDMI
<b>Computer Graphical Interface</b>	1 via HDMI
<b>Down-Converted Output</b>	Yes
<b>Video Output</b>	3 x HDMI PGM 1 x HDBaseT (RJ-45) 1 x Stream Port (RJ-45)
<b>Analogue Audio Input</b>	2 x Balanced XLR 1 x Stereo RCA (L/R) De-embedded Digital Audio
<b>Analogue Audio Output</b>	1 x Stereo headphone
<b>Digital Embedded Audio Support</b>	Input :2 Channel Output: 2 Channel
<b>Audio Delay Calibration</b>	N/A
<b>A+V Switching</b>	N/A
<b>USK</b>	1 x USK Lumakey support
<b>DSK</b>	N/A
<b>Picture in Picture</b>	1
<b>Logo Insertion</b>	N/A
<b>Built-in Audio Mixer</b>	Yes, 4 Channels
<b>Built-in Monitor Display</b>	17.3" HD TFT LED backlit, 1920x1080 pixels
<b>Built-in Intercom &amp; Tally</b>	N/A
<b>Streaming Video Encode</b>	H.264 / AVC, Main/ High Profile Configurable Bit-rate up to 10Mbps
<b>Streaming Audio Encode</b>	AAC-LC Configurable bit rate ranging from 32Kbps to 384Kbps Sample rate: 48KHz, 16bit
<b>Streaming Protocol</b>	TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCP/UDP (RTSP Elementary Streaming) RTMP/RTMPS (Publish)
<b>Streaming Control</b>	Web browser UI for configuration and control Socket commands
<b>Recording File System</b>	FAT, exFAT, NTFS
<b>Recording File Format</b>	MP4
<b>Recording Setting Control</b>	Web UI for system configuration and control
<b>Dimensions (LxWxH)</b>	455 x 355 x 134 mm
<b>Weight</b>	17.2 Lbs (7.8 Kg), Reinforce Plastic Case
<b>Accessory</b>	CB-60/61/62
<b>Power</b>	DC 48V, 4.16A
<b>Operating Temp. Range</b>	0~40 °C

# HS-1600T MARK II

## 4-Channel HD/SD HDBaseT Portable Video Streaming Studio

### What's in the Box

- 1 x HS-1600T Mark II Product
- 1 x AD Switch DC 56V with AC Cord
- 3 x Ethernet Cables (55in. / 140cm)

### Available Documents to Download

1. Datasheet
2. Instruction Manual
3. Cutsheet
4. How to stream to Facebook Live Instructions
5. IP commands
6. Wall Mount Setup Instructions
7. Camera Connection Instructions

### Applications

- Live Event Meeting
- Tradeshow
- Townhall
- Government Event
- Worship
- Sports
- Musical Performances.



For more info, visit [www.datavideo.com/hs1600tmk2](http://www.datavideo.com/hs1600tmk2)



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