KMU-200 4K Multi-Channel Touch Screen Region of Interest Switcher

datavideo

Features

- Size and switch regions of interest from using the touchscreen
- 16:9 and 9:16 video streaming via the built-in encoder
- Camera control and cutouts selection by a joystick
- Four channel audio mixer and audio embedding
- One 4K splits into four Full HD channels.
- Joystick and Zoom knob for moving the cropped selection.
- Intuitive multi-touch gestures for controlling pan, tilt and zoom.
- Real-time video backup recording with a bitrate up to 16Mbps.
- Horizontal or Vertical video streaming designed specifically for social media applications.

Overview

The KMU-200 is a 4K Multi-Channel Touch Screen Region of Interest Switcher with built-in streaming & recording. It provides video productions with engaging camera angles in vertical or horizontal formats and high quality audio. The built-in encoder streams directly to popular CDN platforms such as Facebook, YouTube or Instagram in vertical or horizontal modes. Record your live events with built-in SD card recording.

The KMU-200's all-in-one design is similar to the Datavideo Hand Carried Studio line of switchers bringing switching, audio mixing, recording and streaming into a compact, portable system. Social media platforms are best viewed vertically using a smart phone, and vertical content returns the strongest user engagement. The KMU-200's workflow has both horizontal (16:9) and vertical (9:16) switching modes. Horizontal streaming is the current norm, however vertical video content is growing in popularity due to smart phones where most content is consumed in portrait mode.

A single 4K camera can be utilized to obtain four camera angles, plus a full-screen view. The extra HDMI input can be used for an additional camera or computer source.

Recommended Accessories

Datavideo:

- PTC-280 4K PTZ Camera
- AD-100M Audio Delay Box



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Front Panel

- 1. Monitoring by headphone
- 2. SD card slot
- 3. Master Out Meter
- 4. Audio Mixer knobs
- 5. H.264 Encoding buttons
- 6. S: 1080p, L: 720p, Vertical
- 7. Lock for Pan/Tilt/ Zoom
- 8. Joystick: For pan and tilt control
- 9. Pan and tilt speed control
- 10. Zoom in / Zoom out wheel
- 11. Six-channels for switching
- 12. Output for pictures from PC
- 13. 14" Touch Screen

Rear Panel I/O Function

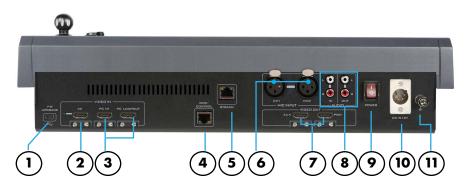
- 1. HDMI Camera Input
- 2. Video Input 4K / Loop Out
- 3. Loop In / Loop Out
- 4. DVIP / Control
- 5. Stream OUT
- 6. MIC Input 6.3 mm XLR
- 7. AUX and PGM
- 8. Audio IN/OUT
- 9. Power Switch
- 10. DC IN 12V
- 11. Grounding Terminal

Installation and Cable Recommendations

Minimum cable requirements:

- 1. HDMI 2.0
- 2. ETHERNET
- 3. 6.3 mm XLR





Recommended SD Cards

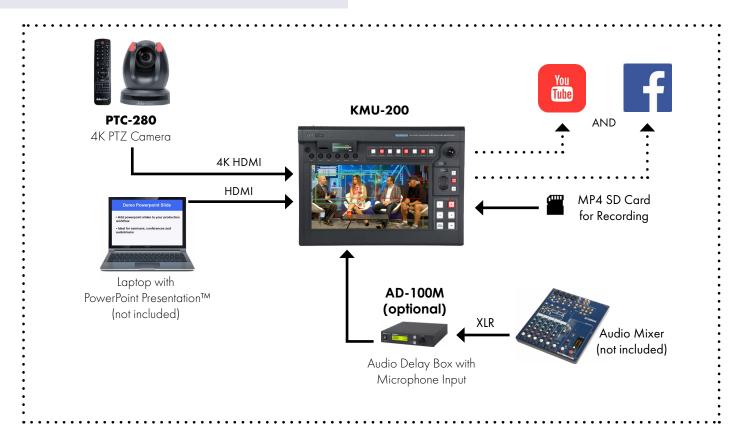
KINGSTON	SDHC C10	16GB
SANDISK Extreme	SDXC C 10 U3 V30	64GB
sony	SDXC C 10 U 1	64GB
SANDISK Extreme PRO	SDXC C 10 U3	128GB
sony	SDXC C 10 U3	64GB
TOSHIBA	SDHC C10	16GB
SANDISK Extreme	SDHC C10	16GB
SANDISK ULTRA®	ULTRA SDHC SDXC UHS-I	128GB
ADATA Premier Pro	microSDXC UHS-I	64GB

U3 Class 10

KMU-200

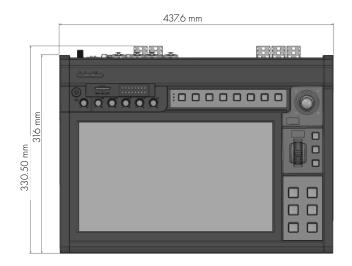
4K Multi-Channel Touch Screen Region of Interest Switcher

Workflow



Dimensions

All measurements in millimeters (mm)





Specifications

Model Name	KMU-200	
Video Standard	UHD & HD	
Video Format	Input: 3840x2160p 23.98/24/25/29.97/30/50/59.94/60 1080p 50/59.94/60 Output: 1080p 50/59.94/60 720p 50/59.94/60	
Video Processing	4:4:4 / 4:2:2 / 4:2:0	
Video Input	1x HDMI 2.0 1x HDMI 1.4 with Loop through	
Video Output	2x HDMI 1.4	
Support Video Output Resolution	1920 x 1080p 50/59.94/60 1280 x 720p 50/59.94/60	
Multiview Out	Built-in	
Streaming Encode	H.264/AVC, Main/High Profile	
Streaming Video Bitrate	 Record Only: Up to 16Mbps (1080p50/60) Stream Only: Up to 10Mbps (1080p50/60), dual stream Record+Stream: 36Mbps (1080p50/60) 	
Streaming Video Rate Mode	• CBR	
Streaming Audio Mode	Stereo/Mono	
Streaming Audio Bitrate	 Stereo: 64~384Kbps Mono: 32~192Kbps 	
Streaming Protocols	TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCP/UDP (RTSP Elementary Streaming) RTMP/RTMPS (Publish) HLS SRT	
Network Interface	1× RJ45 (10/100Mbps Ethernet)	
Recording Storage Medium	• SD Card	
Recording Storage File System	MP4	
Built-in Audio Mixer	Yes, 4 channels	
Audio Input	2x XLR(Mic) 2x RCA	
Audio Output	2x Unbalanced RCA	
Audio Sampling	48KHz, 16bit	
Preview Display	14" Capacitive Touch LCD	
Dimension (LxWxH)	438 x 331 x 114 mm	
Weight	4.3 kg	
Power Supply	DC 12V, 52W	
Operating Temp. Range	0~40 °C	

KMU-200 4K Multi-Channel Touch Screen Region of Interest Switcher

What's in the Box

- 1 x KMU-200 Main Unit
- 1 x AD Switch DC 12V with AC Cord
- 1 x Thank You Card

Available Documents to Download

- 1. Instruction Manual
- 2. Cutsheet
- 3. IP Finder
- 4. Firware update
- 5. Brochure

Applications

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

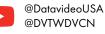


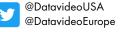
For more info, visit www.datavideo.com/product/kmu-200



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