KMU-200

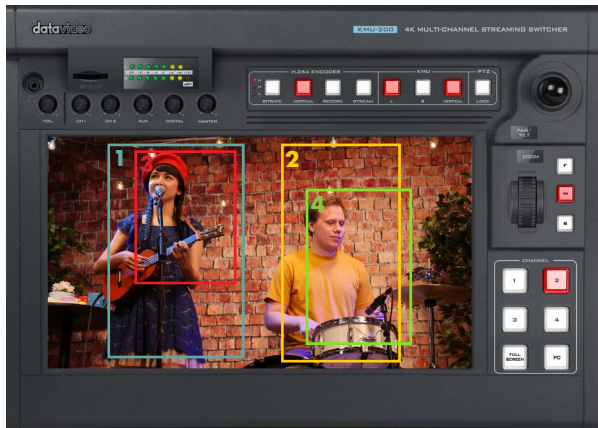**4K Multi-Channel Touch Screen
Region of Interest Switcher**

datavideo

- 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

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

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
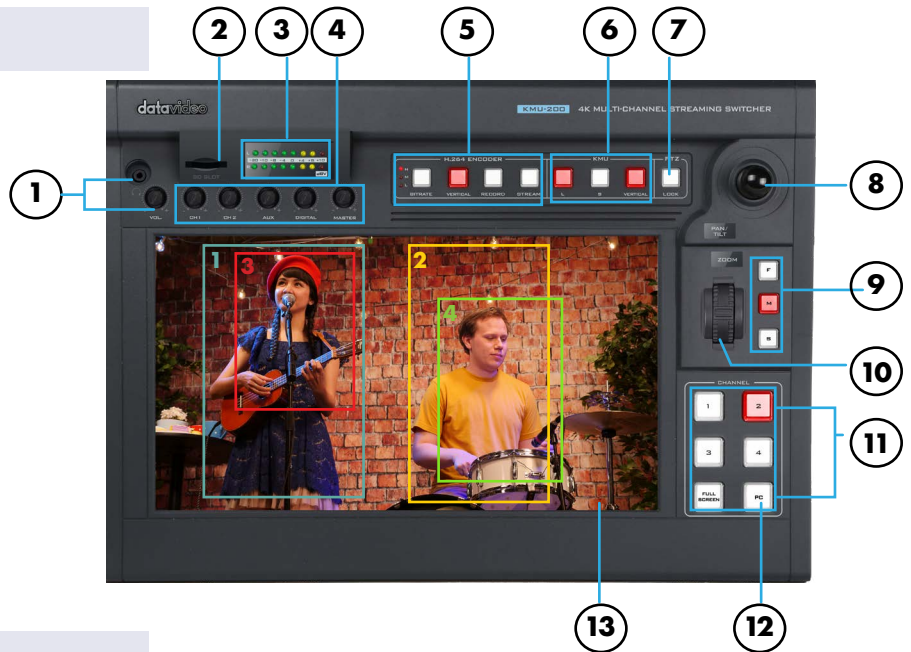
Rear Panel I/O Function

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
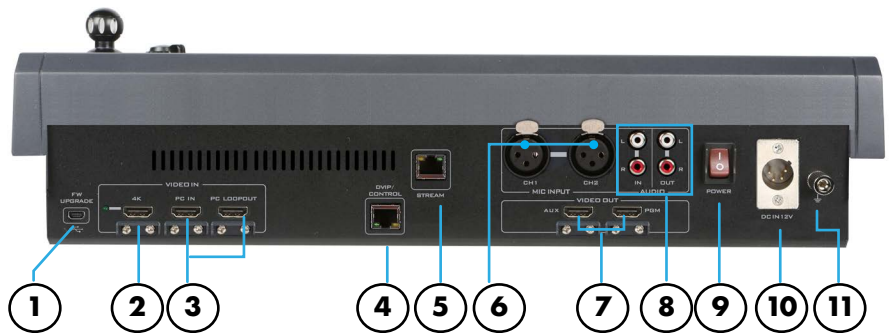
Installation and Cable Recommendations

Minimum cable requirements:
1. HDMI 2.0
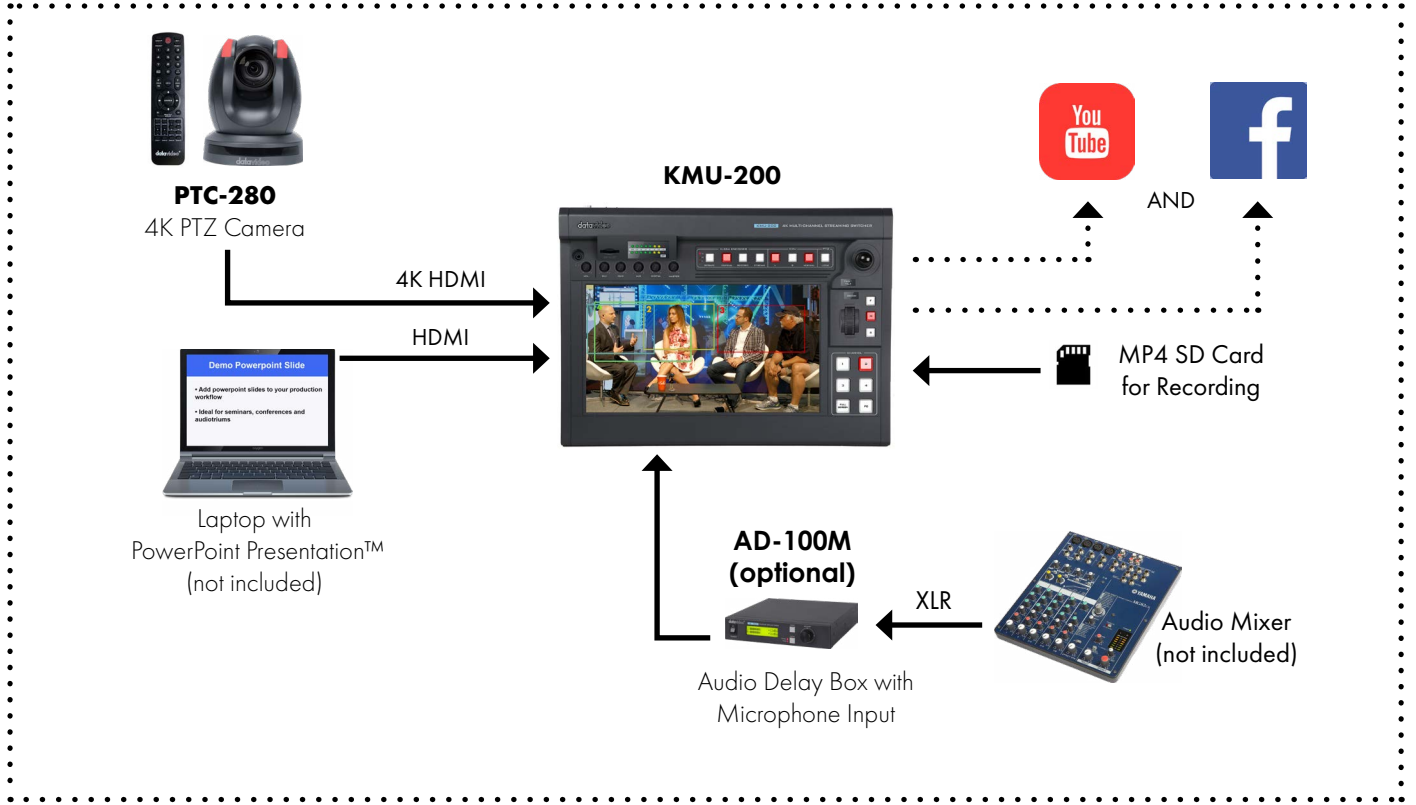2. ETHERNET
3. 6.3 mm XLR

Recommended SD Cards

KINGSTON	SDHC C10	16GB
SANDISK Extreme	SDXC 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 U3 Class 10	64GB

KMU-200

**4K Multi-Channel Touch Screen
Region of Interest Switcher**

Workflow

PTC-280
4K PTZ Camera

4K HDMI

HDMI

Laptop with
PowerPoint Presentation™
(not included)

KMU-200

AND

MP4 SD Card
for Recording

**AD-100M
(optional)**

XLR

Audio Mixer
(not included)

Audio Delay Box with
Microphone Input

Dimensions

All measurements in millimeters (mm)

437.6 mm

330.50 mm

316 mm

96.50 mm

60.20

77.30

113.60

405.50 mm
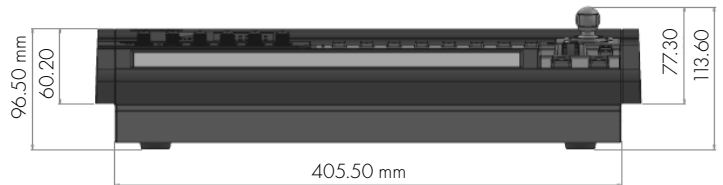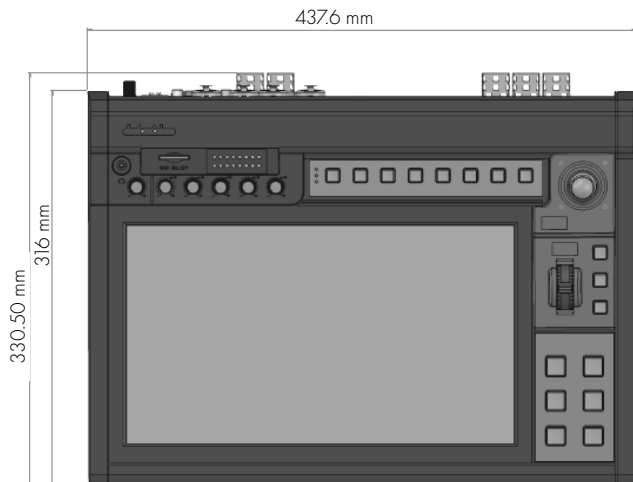
Specifications

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	1x 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

Applications

- Live Event Meeting

- Tradeshow

- Townhall

- Government Event

- Worship

- Sports

- Musical Performances

- Education

Available Documents to Download

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

SCAN ME

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