



KMU-100

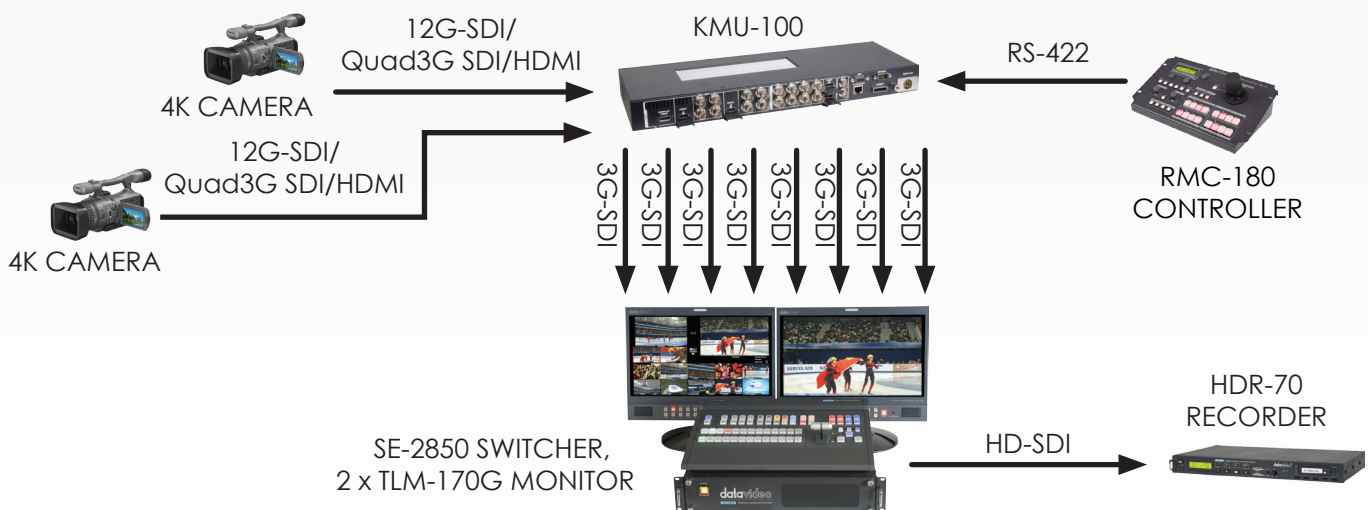
4K MULTI-CAMERA UNIT



DATAVIDEO'S FIRST 4K SOLUTION

Datavideo's all new **KMU-100** is a unique 4K multi-camera production solution that delivers multiple virtual full HD (up to 1080p) scaled camera angles with minimal installation cost and simple operation. The basic concept is straightforward: The output of a single 4K/UHD camera is connected to KMU-100, which then displays up to four 16x9 user-defined cropped windows that are sent out as four separate HD signals through HD-SDI. These user defined windows can be scaled to zoom in on a particular subject that you would like to highlight on the 4K signal. An additional 4K camera could be connected to allow up to eight defined outputs from the two 4K signals. As an option, the Datavideo RMC-180 camera controller can be added to easily pan, tilt, and zoom to create the user defined windows on the 4K signal. You can set up these shots in advance and save them as presets, or you can do it in real-time.

KMU-100 WORKFLOW DIAGRAM



BACK PANEL



KMU-100 FEATURES & SPECIFICATION

Video Inputs

- Quad SDI, 6G-SDI or 12G-SDI
- HDMI 2.0 video Input with support for 2160p60
- DisplayPort video Input with support for 2160p60

SDI Video Output

- 8 x 3G-SDI

Monitoring

- 2x HDMI 1.4

Audio

- SDI Audio Input (16 Channels)
- SDI Audio Output (16 Channels)

Sync Input (Genlock)

- Blackburst or TriSync

Computer Interface

- Ethernet RJ45 for control, configuration and updates (for laptop)
- RS-232/RS-422 x 1

APPLICATIONS



Live Events

Turn your four or eight camera concert into a one or two 4K camera production with 8 unique angles. With the use of the RMC-180 you can pan your shot to the bass player, to a lead singer or zoom in on the drummer all with the scaling power of KMU-100. Impress your client by producing a high quality production on a small budget.



Worship

Small worship productions usually only need a few camera angles on stage; for example, a close up of the pastor, the choir, a shot of the chorister, and a wide shot of the stage. Now with KMU-100 you can get all those camera angles with just one 4K camera.



Broadcast

Setting up for a press conference has never been easier than with the KMU-100. Set up one camera and get multiple angles of those at the podium, conference table, and get a wide shot of the setting without a camera operator.