

For your 8K technology reference:

Advanced 8K Technology with NEW CMOS OPF Sensor Now Being Field Tested for a Major Upcoming Japanese Sporting Event.



In recognition of the unique role SMPTE plays in image acquisition world-wide, Hitachi Kokusai wanted to share the features and specifications of our newest 8K camera.

The following specs on the SK-UHD8060B 8K (SHV) Dockable, Field Production Camera are ones we thought a SMPTE audience would appreciate:

- Camera Transmission data rate is 40 Gbps to the CCU.
- The *2-piece design* allows EFP/ECC or transmission to a CCU.
- A docked, visually-lossless 8K recorder provides *40 minute record time*.
- CCU *simultaneously* outputs 8K, 4K/UHD, 1080p, 1080i and 720p.
- The camera uses a single, 33 megapixel CMOS OPF Super 35mm sensor (7,680 X 4,320).
- The **Organic Photoconductive Film** enables a higher CMOS saturation charge, improving High Dynamic Range and lowering noise, not previously possible at 8K resolutions.
- The 8K raster is **16X larger than HD** allowing cutout and crop in HD or 4K.

We hope that this reference information will help the SMPTE technical community evaluate where 8K camera technology is heading. Thank you.

Need support? We are here to answer your calls.

The leader in economical global shutter camera systems