High Definition 3-Chip Cameras for 3D Applications

Toshiba Imaging, a leader in high definition, color video imaging now provides the world’s smallest 3-chip HD camera head (only 1.6 inches, weighing 2.3 oz.) for 3D applications. The 3CCD IK-HD1's ultra-compact camera head is ideal for capturing unique shots in broadcast applications and other imaging tasks where space is extremely limited.
The flexible IK-HD1 HDTV system features 1920 (H) x 1080 (V), 30 frames per second (fps) output and generation lock (genlock), making this system ideal for 3D imaging and other specialty high definition video imaging broadcast applications such as reality TV, sports, in-vehicle POV, news, commercials, and more. The small camera head features Toshiba’s proprietary 3CCD prism block technology delivering vibrant yet realistic colors, wide dynamic range and superior detail. The CCD camera avoids the rolling-shutter artifacts that are present on many CMOS-based cameras. A comprehensive menu allows the user to customize scene painting and adjust to optimize output for virtually any environment. The C-mount lens mount, RS232C serial interface, and multiple outputs for HD-SDI (SMPTE 292M), analog RGB, or Y/Pb/Pr are standard.

Accessories for the remote head system include interface cables in 3-, 6-, 10-, or 30-meter lengths and optional 50Hz/60Hz switchable control unit that provides either 1080i 25 or 1080i 30 output. Toshiba’s IK-HD1 HDTV cameras have been implemented in a diverse range of 2D and 3D camera systems for a variety of broadcast applications.

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