

Ikegami image

Latest camera technology for all broadcasting needs and budgets

CAPTURE THE ESSENCE OF THE MOMENT



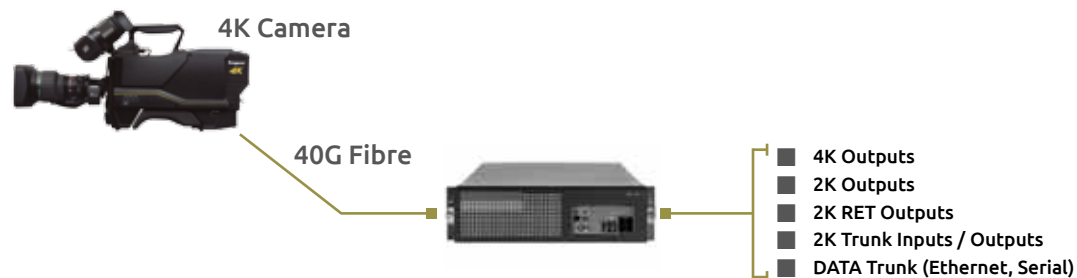
PRELIMINARY**4K**

Ikegami's Unicam UHD 4K-native 3-CMOS 2/3-inch Camera provides the deep focus required for broadcast operation combined with ultra high quality colour reproduction. Ergonomic and operational features are the same as a conventional Ikegami Unicam HD camera. A 2/3-inch B4-mount allows direct docking with conventional lenses plus a focus-assist function. Compact and light in weight, the Unicam UHD camera is designed for easy integration into 4K studio and 4K field/OB truck systems. Uncompressed RGB 4:4:4 baseband is delivered from the camera head to the control unit to ensure the highest possible transmission quality.



4K Ultra High Definition 3CMOS Digital Camera System

- 4K Output
- 2/3-inch 8 Megapixel 3CMOS Sensor
- RGB 3-Chip Full 4K Sensor produce true High-Resolution
- Same Operation Style as current Camera System
- End-to-end Digital Processing
- 2/3-inch B4-mount allow Direct Docking with conventional Lenses
- Focus Assist Feature
- 4K/2K Simulcast Operation



40Gbps Fibre Transmission

- 4K Output
- RGB 4:4:4 baseband (40Gbps)
- No compressed Video, no Video loss (between Camera-CCU)
- Conventional SMPTE Camera cables are compatible
- Video trunk is available through spare Band channels
- 3RU height Size CCU (tentative) for easy replace with current HDTV CCU

Ikegami

8K UHD TV Camera System

SHK-810



BEYOND 4K...

The highest picture quality, functionality and reliability,
with Ikegami's State-of-the-art technology.



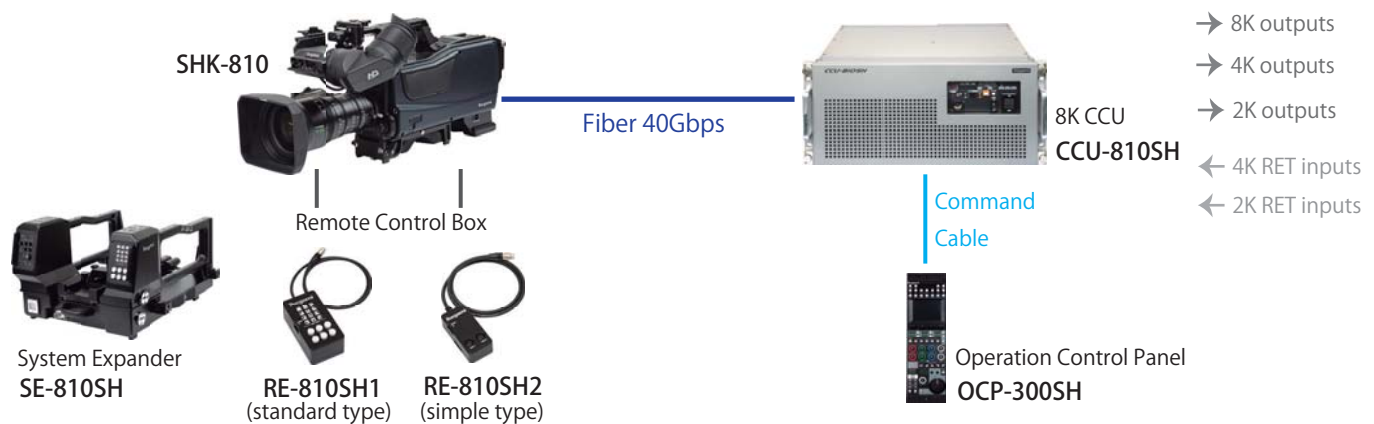
8K UHD TV Camera System is now at hand.

Features

- 33 million-pixel Super 35mm CMOS sensor
- Dual-green color arrangement
- Standard SMPTE hybrid fiber/copper camera cable is used
- Built-in back focus adjustment for PL-mount lenses without shims
- 4,000 TV lines horizontal resolution
- System Expander can be used
- 8K Focus Assist function
- Lens Aberration Correction function (requires data from lens)

System Configuration

High quality image without compression : Dual green (40Gbps)



Specifications

Image Sensor	3.3 million-pixel Super 35mm CMOS Sensor	Limiting Resolution	4,000 TV lines horizontal resolution
Sensitivity	F8	Optical System	PL Lens mount
Output Signal	· SHV Dual Green SDI Interface · 4K SMPTE 424M (3G-SDI) Level B · HD SMPTE 292M	Return Signal	· 2-channel x 4K · 4-channel x HD
External Sync. Signal	Tri-Level Sync. or VBS	Extension Distance between Camera Head and CCU	1 km (3,281 ft)
Viewfinder	· 2-inch LCD VF · 7.4-inch OLED VF · 9-inch 4K LCD VF	Operating Voltage	AC100V to 240V (50Hz/60Hz)
Power Consumption	· Camera with 4K viewfinder and CCU: 480VA or less · Camera with 2" viewfinder and CCU: 420VA or less	Operating Temperature	· Camera Head : -10 °C to +45 °C (14°F to 113°F) · CCU : 0 °C to +45 °C (32°F to 113°F) * Storage Temperature : -30 °C to +60 °C (-22°F to 140°F)
Weight	· Camera Head : 8.5kg (18.74lb) · CCU : 29kg (63.93lb)	Operating Humidity	30% to 90% (Non-condensing)
Dimensions	· Camera Head : W168 x H228 x D395.3 mm (W6.61 x H8.98 x D15.56 inch) · CCU : W482 x H222 x D478 mm (W18.98 x H8.74 x D18.82 inch)		

* SHK-810 camera system is designed in collaboration with the Japan Broadcasting Corporation (NHK).

Design and specifications are subject to change without notice.

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