

# 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.



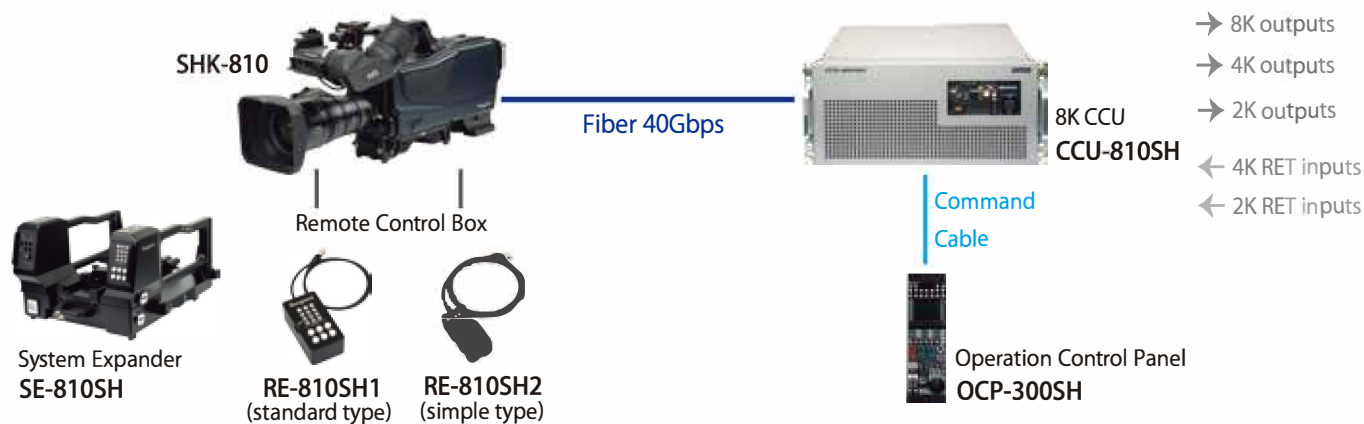
**8K UHD TV Camera System is now at hand.**

## 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

<b>Image Sensor</b>	33 million-pixel Super 35mm CMOS Sensor	<b>Limiting Resolution</b>	4,000 TV lines horizontal resolution
<b>Sensitivity</b>	F8	<b>Optical System</b>	PL Lens mount
<b>Output Signal</b>	<ul style="list-style-type: none"> <li>· SHV Dual Green SDI Interface</li> <li>· 4K 3G-SDI Level A/B SQD</li> <li>· HD SMPTE 292M</li> </ul>	<b>Return Signal</b>	4K x 2ch or HD x 4ch
<b>External Sync. Signal</b>	Tri-Level Sync. or VBS	<b>Extension Distance between Camera Head and CCU</b>	1 km (3,281 ft)
<b>Viewfinder</b>	<ul style="list-style-type: none"> <li>· 2-inch LCD VF</li> <li>· 7.4-inch OLED VF</li> <li>· 9-inch 4K LCD VF</li> </ul>	<b>Operating Voltage</b>	AC100V to 240V (50Hz/60Hz)
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>· Camera with 4K viewfinder and CCU: 480VA or less</li> <li>· Camera with 2" viewfinder and CCU: 420VA or less</li> </ul>	<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>· Camera Head : -10 °C to +45 °C (14°F to 113°F)</li> <li>· CCU : 0 °C to +45 °C (32°F to 113°F)</li> <li>* Storage Temperature : -30 °C to +60 °C (-22°F to 140°F)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>· Camera Head : approx. 8.5kg (18.74lb)</li> <li>· CCU : approx. 29kg (63.93lb)</li> </ul>	<b>Operating Humidity</b>	30% to 90% (Non-condensing)
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>· Camera Head : W168 x H228 x D395.3 mm (W6.61 x H8.98 x D15.56 inch)</li> <li>· CCU : W482 x H222 x D478 mm (W18.98 x H8.74 x D18.82 inch)</li> </ul>		

\* 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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