

## UHK-430



The UHK-430 is the premier introduction in Ikegami's latest camera series, "UNICAM XE". Equipped with three 2/3-inch native 4K (3840 x 2160) CMOS sensors that give you real-4K resolution and provides the deep depth-of-field required for various applications. The standard B4-mount allows direct attachment of conventional 2/3-inch HD lenses. Since the optical characteristics are the same as a 2/3-inch HD camera, 4K content can be produced just as easily as conventional HD for demanding applications, such as live remote sports and events.

### Main Features

- Newly developed 2/3-inch Native 4K (3840 x 2160) CMOS sensors give Real-4K resolution.
- Equipped with a 2/3-inch Bayonet lens mount for compatibility with conventional 2/3-inch HD lenses.
- 3 Chip optical technology delivers no visible color aliasing; while it is always an issue with single chip cameras.
- Ikegami's next generation video processor, "AXII" materializes full functionality, such as 16 axis color correction and improved focus assist function, for both HD and 4K video modes.
- The wide color space specification, BT.2020, is supported in 4K mode. BT.709 color space is supported in both 4K and HD modes.
- New CCU, Viewfinders, and System expander.

## UNICAM XE



UHK-430 with 2-inch viewfinder and portable lens

### AXII,

- Ikegami's next generation High-speed video processor
- Built-in 16 axis color correction and focus assist function
- High quality picture and low power consumption
- Applicable to HD/4K as well as 8K



**System Expandability** Two-piece construction allows for easy swap of optional optical blocks, such as High-Frame Rate or Super 35 sensors, depending on application.



**Ergonomic Design** Compact body and low center of gravity makes perfect balance when shooting on the shoulder. In addition, improved visibility over the front of the camera.

**Ultra Wide-Bandwidth Fiber Transmission** Built-in 40Gbps

optical transceiver enable full bandwidth of 4K resolution signal transmission between camera and CCU. Due to Uncompressed RGB 4:4:4 signals, super high quality signals for Chroma Key are created.

- Simultaneous output of HD QTV (2 channels), and HD RET (4 channels) at the camera head
- Gigabit Ethernet Data Trunk is available at the camera head for external use

**High Dynamic range and Wide Color Space** Built-in "iLog", Ikegami's newly developed

original log Gamma, enables neutral image quality with high contrast for a wider dynamic range. This allows for more image information to be retained for greater headroom and color grading. ITU-R BT.2020, wide color space specification is supported in 4K mode. BT. 709 color space is supported in both 4K and HD modes.



Graded picture with iLog



Standard Gamma

### **CCU-430 Camera Control Unit**

Supports smooth and easy migration from HD to 4K live production

- Switchable 4K or HD signal output
- Built-in 4 x 3G-SDI as standard 4K output.
- With optional board, 4K, HD and HD cut out from 4K are available simultaneously.
- 12G-SDI and Video over IP interface will be available as optional plug-in boards
- Compact and light weight – 3U/18.5Kg (40.8lb)



### **SE-U430 System Expander**

Enables the use of a studio viewfinder and large studio lens with digital interface. Newly designed for UNICAM XE series with improved lens swap mechanism.

**Viewfinders** Three viewfinder models are available for the UHK-430. The digital interface allows access to the camera menu from the viewfinder.



# Ikegami

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