

TTI Medical Announces the Launch of the Ikegami MKC-X800 Native 4K Video Camera at the American Academy of Ophthalmology

MKC-X800 is the beginning of Ikegami's new camera generation of 4K resolution for microsurgery.

SAN RAMON, CA, UNITED STATES, October 18, 2024 /EINPresswire.com/ -- TTI Medical to demonstrate the new Ikegami [MKC-X800](#) at the American Academy of Ophthalmology in Chicago from October 19th to the 21st. Located at the McCormick Place in booth 2064.

MKC-X800 is a 4K-native progressive scan 1-CMOS model with an ultra-compact head operated from a remote CCU. The 4K native sensor provides unequalled video image quality. When paired with the TTI Medical [ACCU-Beam zoom microscope adaptor](#), the MKC-X800 image quality is preserved with optical magnification changes for both cataract and retinal surgery.



For the busy eye surgeon there is no better option for publication quality ophthalmic video"

James Lewis, MD



The image shows the Ikegami logo in blue text at the top. Below it, the word "Logo" is written. The main part of the image is a collage of surgical scenes. On the left, a surgeon is using a microscope. In the center, there are three inset images: a histological slide, a cataract, and a retinal surgery. On the right, the text "We perfect what you see through the Microscope" is written in bold black letters. At the bottom, the text "Ikegami Surgical" is written.

MKC-X800 Features:

- * Ultra High Resolution - 1800TV lines horizontal resolution
- * 4K Native Sensor - 4K imaging technology allows identification of fine structures with greater precision
- * Low Signal to Noise - 58dB

* HDR Mode - HDR Mode delivers wide dynamic range reproduction of the video.

* Various Image Outputs - MKC-X800 provides various 4K outputs as 12G-SDI (or 3G-SDI x4) or HDMI2.0. 4K and HD(1080p/1080i) images.

* Multi-Language Support - the camera's GUI and OSD menu both support English, German, French and Spanish multi-language.

* Compact and Lightweight Camera Head - ideal for microsurgery

* Antibacterial Coating - the camera head and CCU are coated to improve infection control.

* Wide Color Gamut (BT.2020) - enhance detail structures such as small veins.

* High Sensitivity Mode - ideal for retinal / vitreous surgery

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MKC-X800 Camera Head & CCU



Camera Head



CCU Back Panel

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