

Ikegami



# Product Portfolio

**Medical Grade Cameras and Monitors**



# Since 1946

## Ikegami

### the Perfectionist's Choice

Ikegami has been recognized worldwide for its state-of-the-art television camera manufacturing.

The high level of image technology experience accumulated in the broadcast industry enabled Ikegami to develop very advanced medical grade, surveillance and industrial process inspection imaging equipment.



Broadcast



Inspection

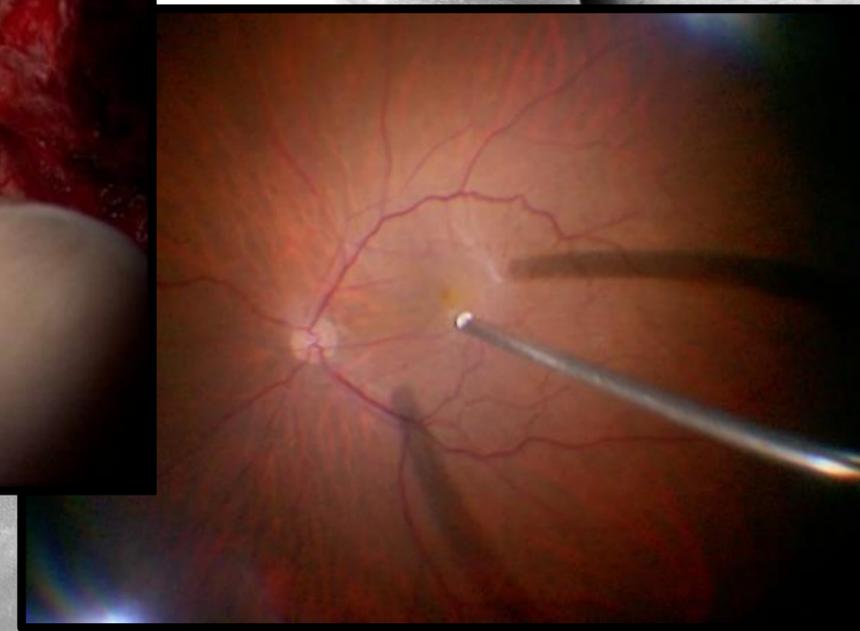
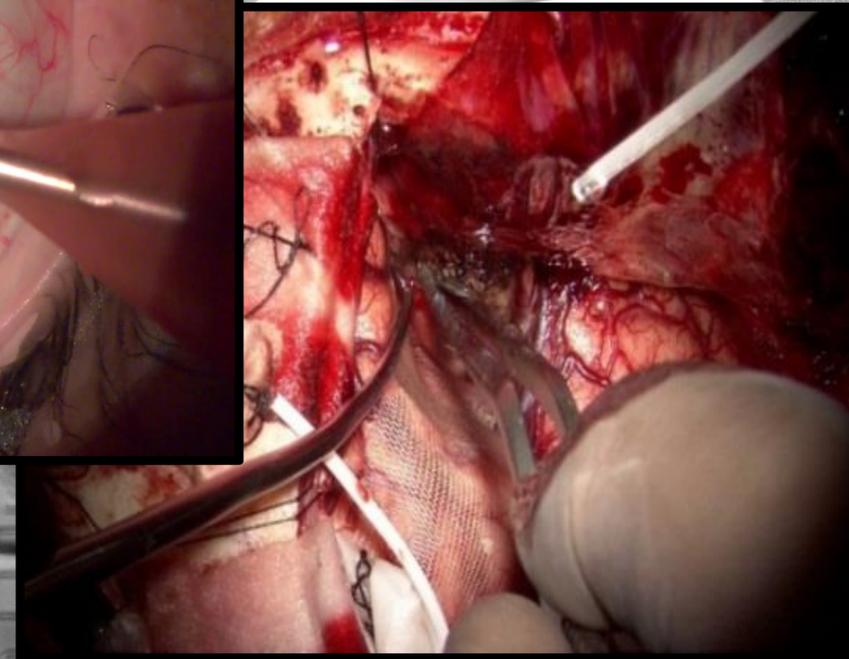
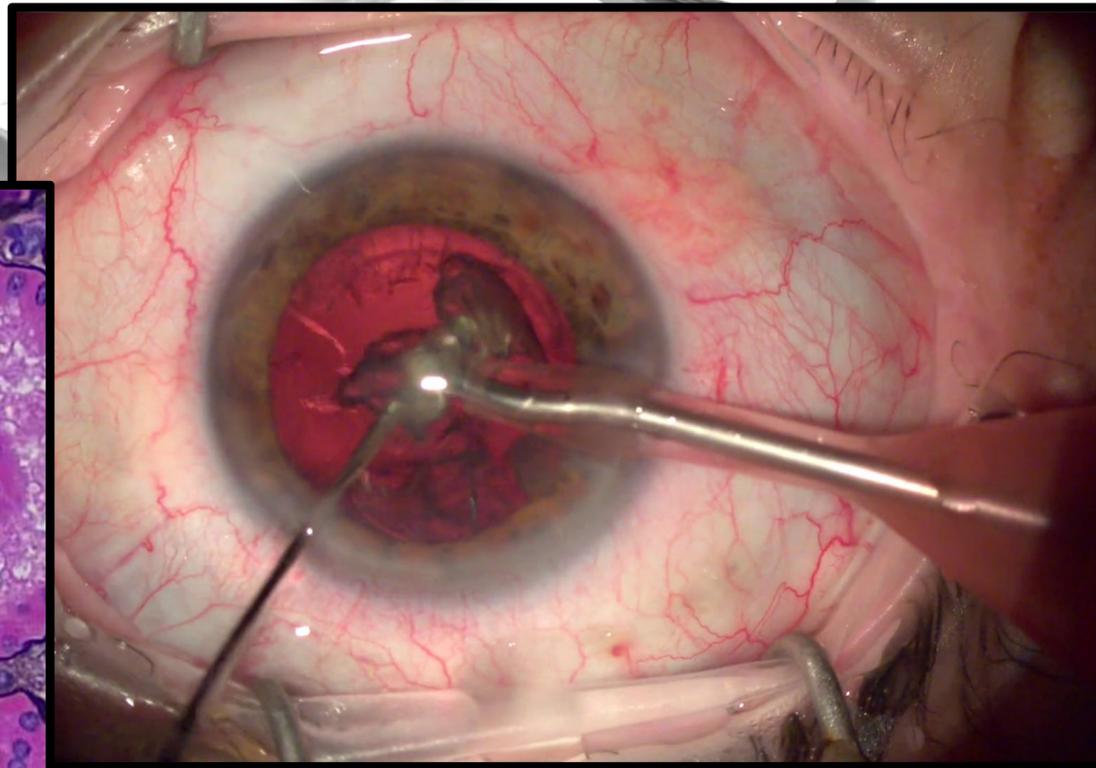
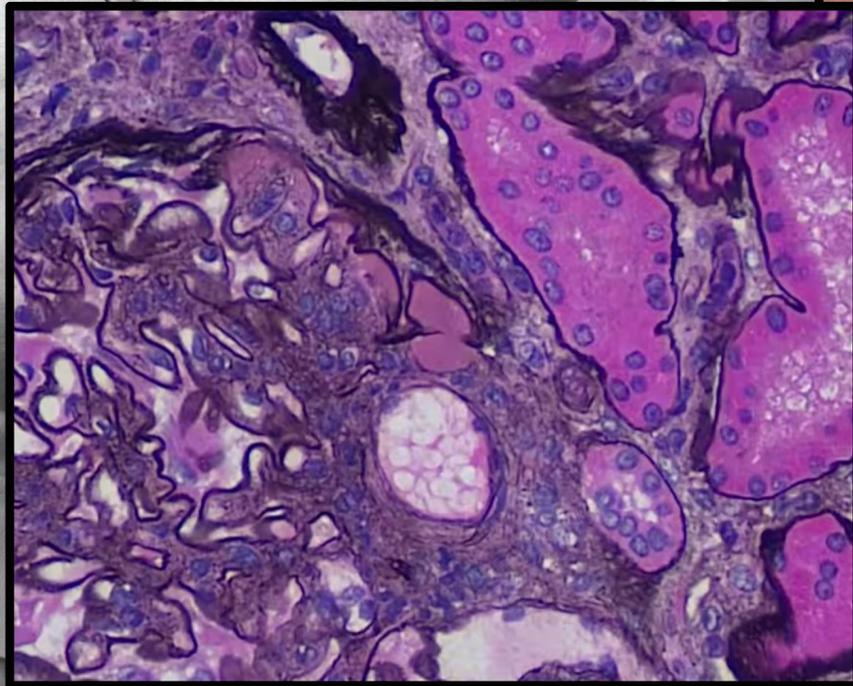


Medical



Security

**We perfect  
what you see  
through the  
Microscope**



# Ikegami

## Microscope Cameras



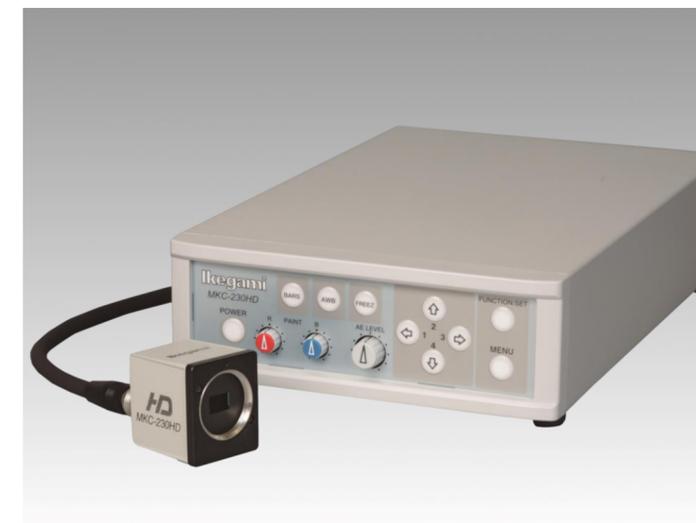
### MKC-X800

1CMOS Native 4K  
New Generation  
Medical Grade Camera



### MKC-X300

3CMOS FULL HD  
High Sensitivity  
Medical Grade Camera



### MKC-230HD

3CMOS FULL HD  
Medical Grade Camera



### MKC-X200

1CMOS FULL HD  
Medical Grade Camera



# MKC-X800

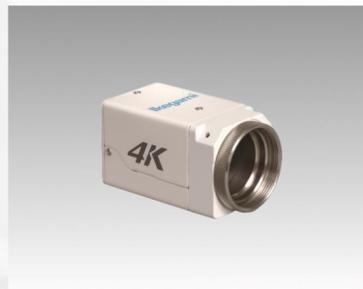
1CMOS Native 4K New Generation  
Medical Grade Camera

1  
CMOS **4K**

- Lens Mount: C-mount
- Sensor Device: 1/2.52" 1CMOS
- Resolution: 1,800TVL
- Sensitivity: F8 at 2000lx (Line Mix On)
- SN ratio: 58dB
- Camera Head: W27.5xH28xD50mm  
(W1.1xH1.11xD2.02 inches)

[Find out more](#) ▶

-  AWB 1-Button Automatic White Balance
-  Spot Metering with Adjustable Peak Modes
-  Automatic Gain/Shutter Control
-  Multiple Programmable User Settings
-  Digital Image Freeze
-  Digital Image Zoom
-  Digital Image Flip and Rotate
-  Touch Screen
-  HDR HDR Mode





# MKC-X300

3CMOS High Sensitivity  
Medical Grade Camera



- Lens Mount: C-mount
- Sensor Device: 1/2.8" 3CMOS
- Resolution: 1,000TVL
- Sensitivity: F13 at 2000lx (Line Mix OFF)  
F22 at 2000lx (Hyper Gain ON)
- SN ratio: 63dB
- Camera Head: W34xH40xD40mm  
(W1.35xH1.58xD1.58 inches)

Find out more



AWB

1-Button Automatic White Balance



Spot Metering with Adjustable Peak Modes



Automatic Gain/Shutter/Iris Control



Multiple Programmable User Settings



Digital Image Freeze



Digital Image Zoom



Digital Image Flip and Rotate



Low Light Capability



Premium Visual Enhancement Functions



# MKC-230HD

3CMOS FULL HDTV  
Medical Grade Camera

3  
CMOS



- Lens Mount: C-mount
- Sensor Device: 1/3" 3CMOS
- Resolution: 1,000TVL
- Sensitivity: F14 at 2000lx
- SN ratio: 54dB
- Camera Head: W34xH40xD40mm  
(W1.35xH1.58xD1.58 inches)

[Find out more](#)



1-Button Automatic White Balance



Spot Metering with Adjustable Peak Modes



Automatic Gain/Shutter/Iris Control



Multiple Programmable User Settings



Digital Image Freeze



Digital Image Zoom



Digital Image Flip and Rotate



Low Light Capability



# MKC-X200

1CMOS FULL HDTV  
Medical Grade Camera

1  
CMOS



- Lens Mount: C-mount
- Sensor Device: 1/2.8" 1CMOS
- Resolution: 900TVL
- Sensitivity: F11 at 2000lx
- SN ratio: 56dB
- Camera Head: W31xH31xD36mm  
(W1.22xH1.22xD1.4 inches)



1-Button Automatic White Balance



Spot Metering with Adjustable Peak Modes



Automatic Gain/Shutter Control



Multiple Programmable User Settings



Digital Image Freeze



Digital Image Zoom



Digital Image Flip and Rotate

Find out more ▶

# Surgeon Reviews

## James Lewis, MD

- Ophthalmologist Philadelphia, PA



JAMES S. LEWIS, MD



Ikegami's MKC-X800 is the first native 4K medical grade microscope imaging system for the ophthalmic surgeon.

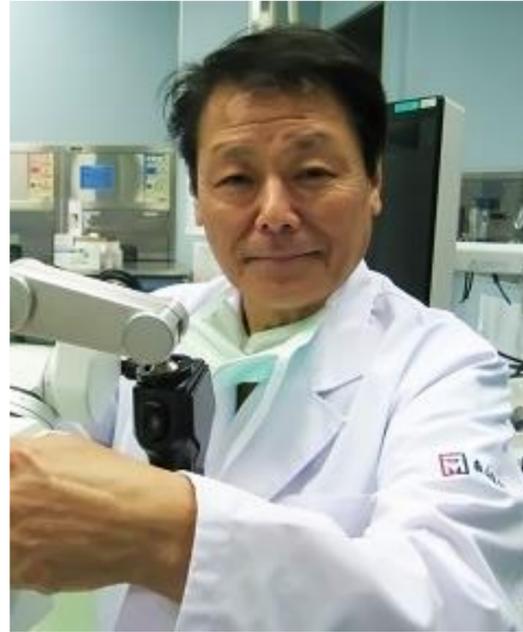
The sensor produces high resolution, well-illuminated, color-balanced, 60 frame per second video for both anterior and post segment procedures. The camera is compact, light-weight, and easily customized to your lighting preferences.

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



The MKC-X300 is a typical Ikegami product, refined, well-engineered, easy to use, essentially, plug and play. The resolution is outstanding and the color fidelity is second to none. It was easy to white balance and focus. I am very happy with the product thus far. **The MKC-X300's signal-to-noise ratio is the best I have experienced, and it is excellent in low light scenarios.** The camera will adjust to the appropriate lighting without staff intervention.

# Surgeon Reviews



## Takanori Fukushima, MD

- Carolina Skull Base Surgery Center Director
- Duke University Professor of Neurosurgery
- Moriyama Memorial Hospital Fukushima Takanori Neurological Center Senior Advisor
- Tokyo Clinic Fukushima Takanori Neurological Center Senior Advisor

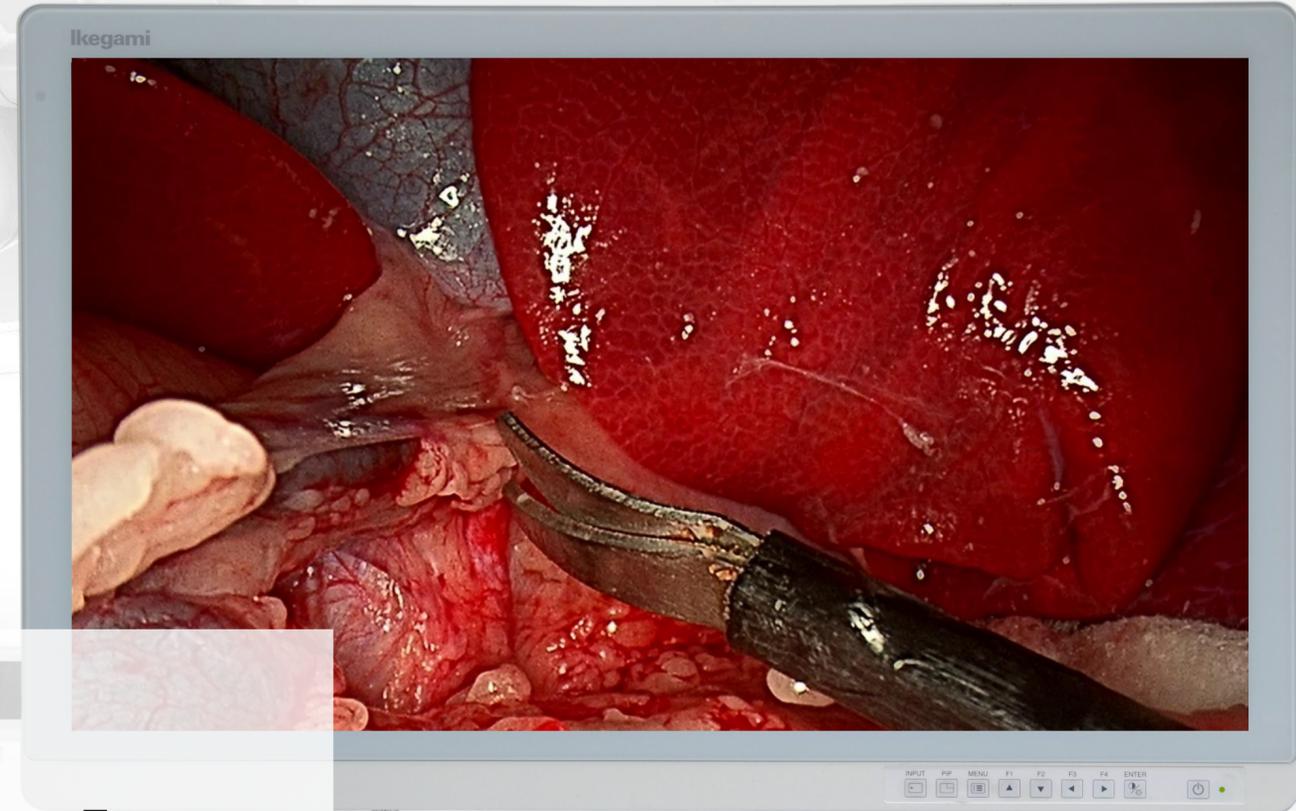


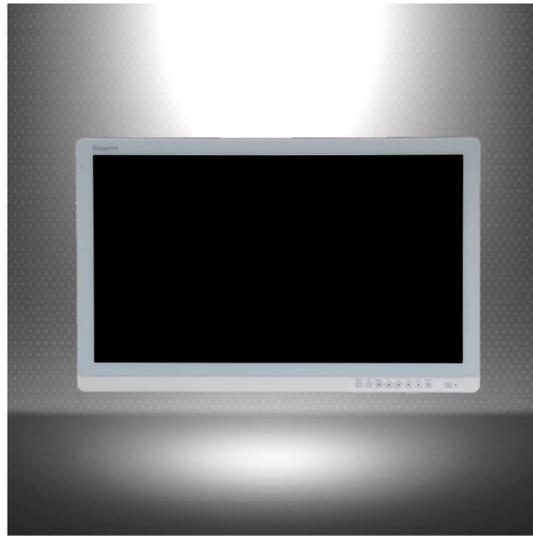
Most notably, **the camera's ability to reproduce the color red was very impressive.**

When I introduced the surgical video using the Ikegami camera combined with my surgical technique at a conference presentation,

**I remember vividly the fact that the venue was silent.**

**Experience the  
Reliability of  
Medical Grade**





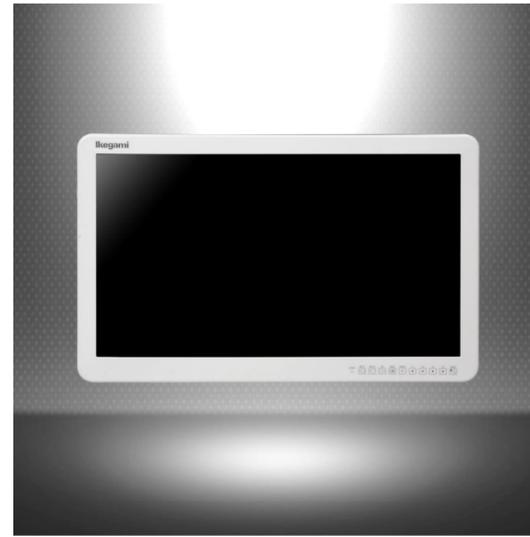
### MLW-2760C

27-inch Medical Grade  
High Brightness  
LCD Monitor



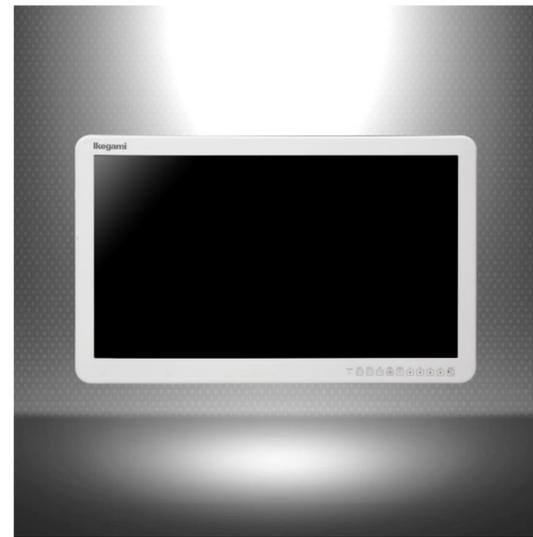
### MLW-2627C-DC Type 3D

26-inch Medical Grade  
3D LCD Monitor



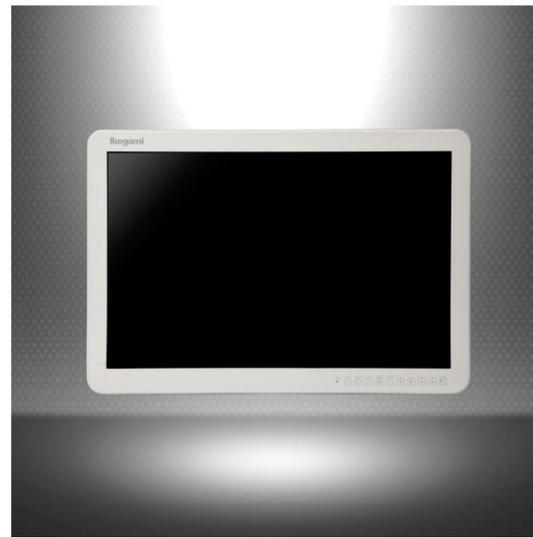
### MLW-2627C-DC

26-inch Medical Grade  
High Brightness  
LCD Monitor



### MLW-2624C-DC

26-inch Medical Grade  
LCD Monitor



### MLW-2424C-DC

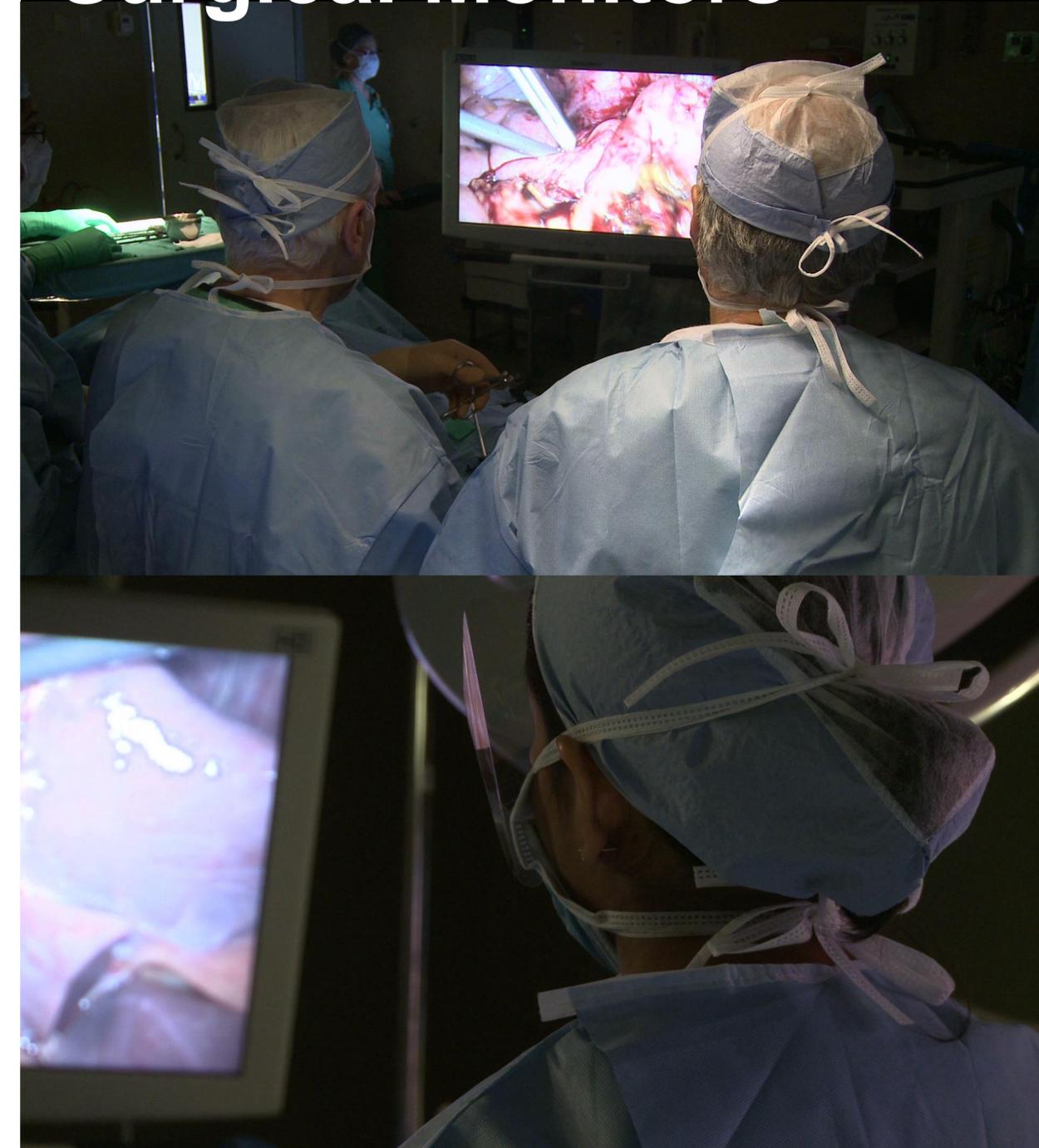
24-inch Medical Grade  
LCD Monitor



### MLW-2170HD

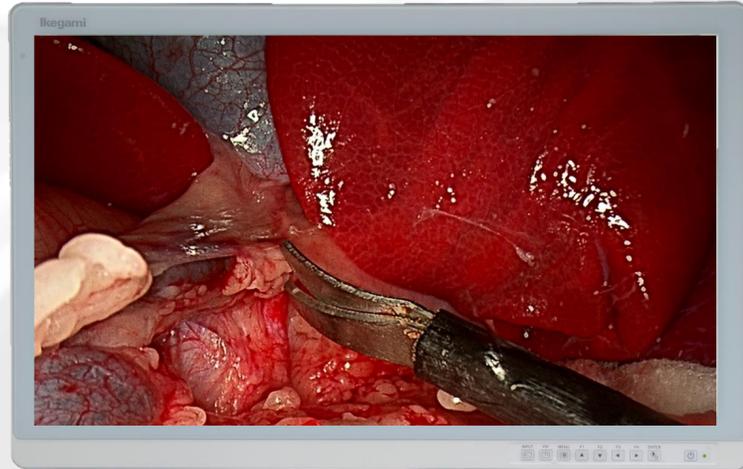
21-inch Medical Grade  
LCD Monitor

# Ikegami Surgical Monitors



# MLW-2760C

27-inch Medical Grade High Brightness LCD Monitor



**27**  
inch

**10**  
bit

**178°**  
View  
Angle

**HD**  
High Definition

- Resolution: 1920x1080
- Brightness: 900 cd/m2
- Contrast Ratio: 1000:1



Medical Grade



Wide Color Gamut



Image Enhancement Function (H.I.C.E)



High Brightness



Picture-in-Picture

Find out more ▶

# MLW-2627C-DC Type3D

26-inch Medical Grade 3D LCD Monitor



**26**  
inch

**10**  
bit

**178°**  
View  
Angle

**HD**  
High Definition

**TYPE  
3D**

- Resolution: 1920x1080
- Brightness: 800 cd/m2(2D) / 400 cd/m2(3D)
- Contrast Ratio: 1400:1



Medical Grade



Wide Color Gamut



Image Enhancement Function



Picture-in-Picture

Find out more ▶

# MLW-2627C-DC

26-inch Medical Grade High Brightness LCD Monitor



26  
inch

10  
bit

178°  
View  
Angle



- Resolution: 1920x1080
- Brightness: 900 cd/m2
- Contrast Ratio: 1400:1



Medical Grade



Wide Color Gamut



Image Enhancement Function



High Brightness

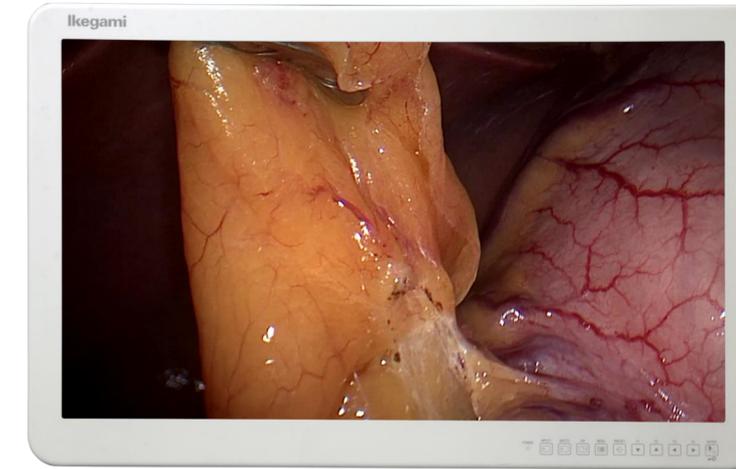


Picture-in-Picture

Find out more ▶

# MLW-2624C-DC

26-inch Medical Grade LCD Monitor



26  
inch

10  
bit

178°  
View  
Angle



- Resolution: 1920x1080
- Brightness: 450 cd/m2
- Contrast Ratio: 1400:1



Medical Grade



Wide Color Gamut



Image Enhancement Function



Picture-in-Picture

Find out more ▶

# MLW-2424C-DC

24-inch Medical Grade LCD Monitor



24  
inch

10  
bit

178°  
View  
Angle



- Resolution: 1920x1200
- Brightness: 400 cd/m2
- Contrast Ratio: 1500:1



Medical Grade



Wide Color Gamut



Image Enhancement Function

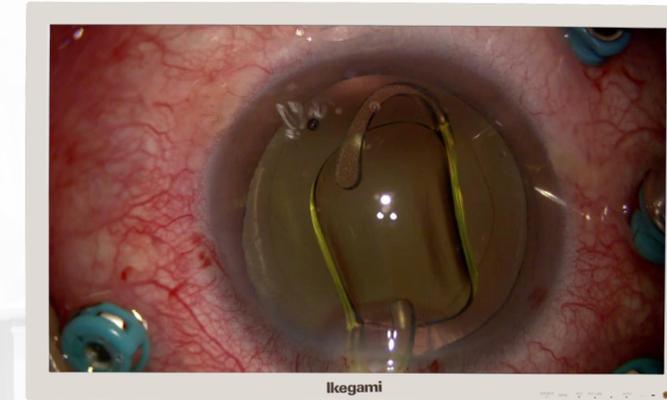


Picture-in-Picture

Find out more ▶

# MLW-2170HD

21-inch Medical Grade LCD Monitor



21  
inch

8  
bit

170°  
View  
Angle



- Resolution: 1920x1080
- Brightness: 250 cd/m2
- Contrast Ratio: 1000:1



Medical Grade



Light Weight



Economical Model

Find out more ▶

**The latest information  
is available at LinkedIn**



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Design and specifications are subject to change without notice.

**Ikegami Electronics (U.S.A.), INC.**

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