

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

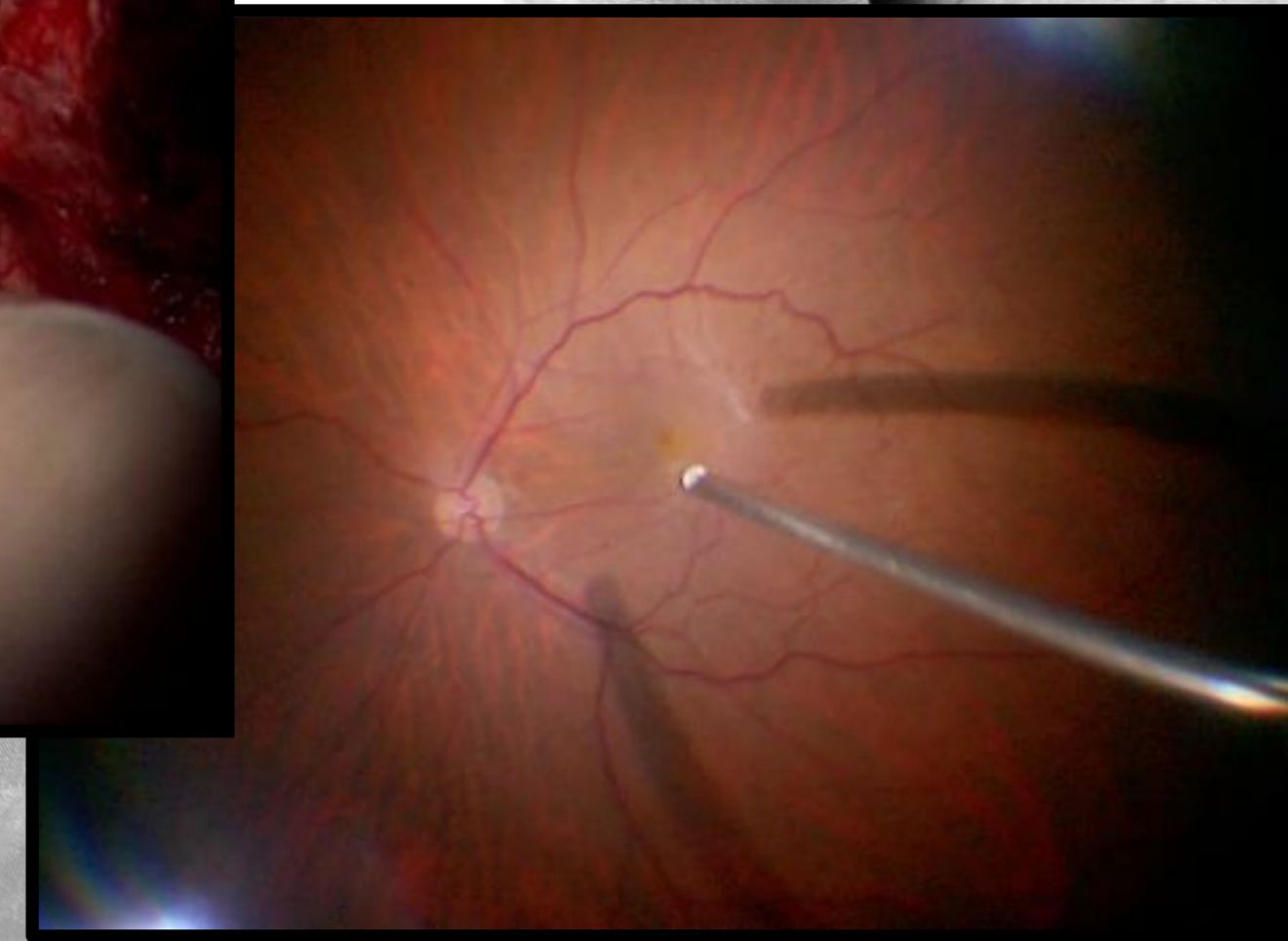
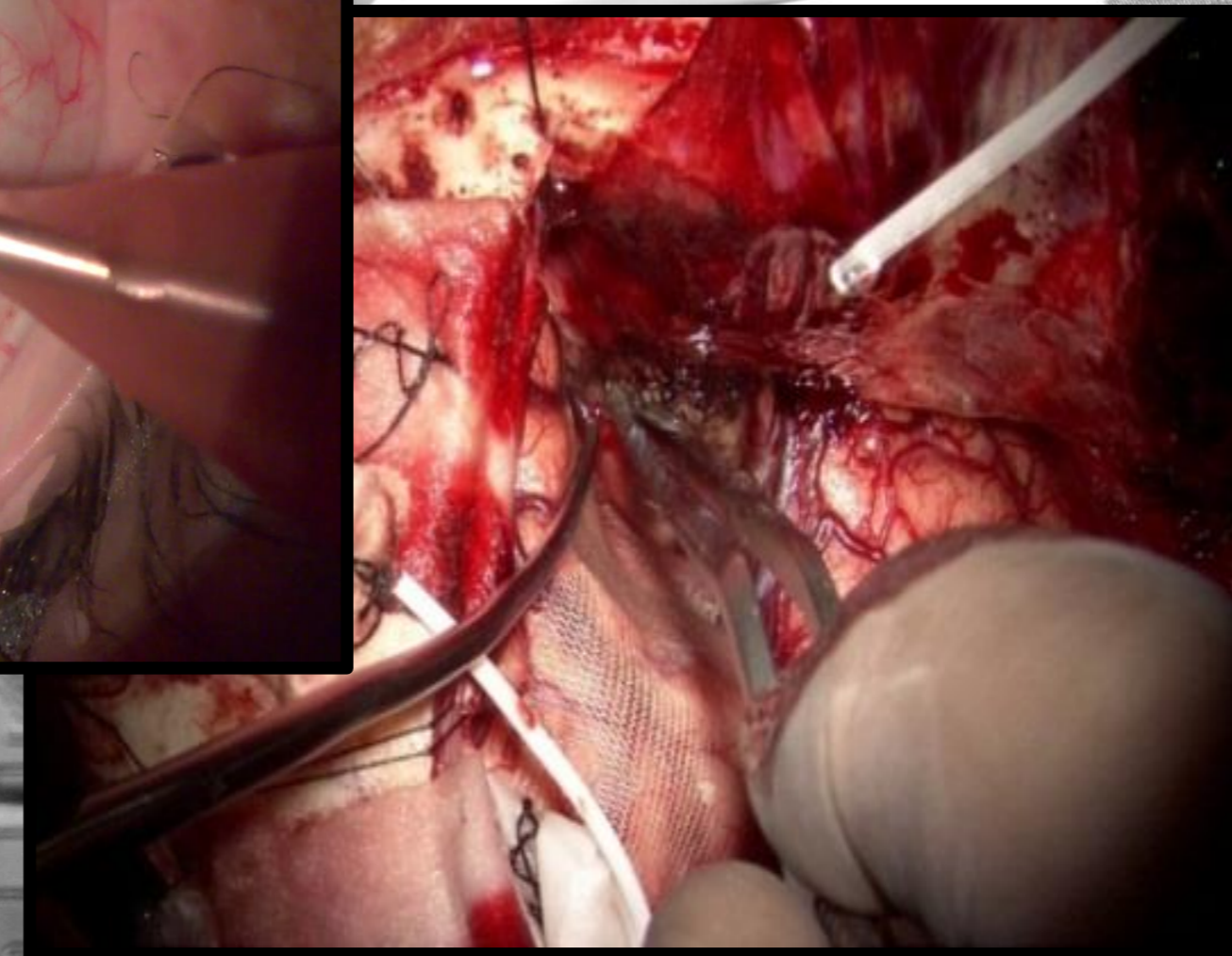
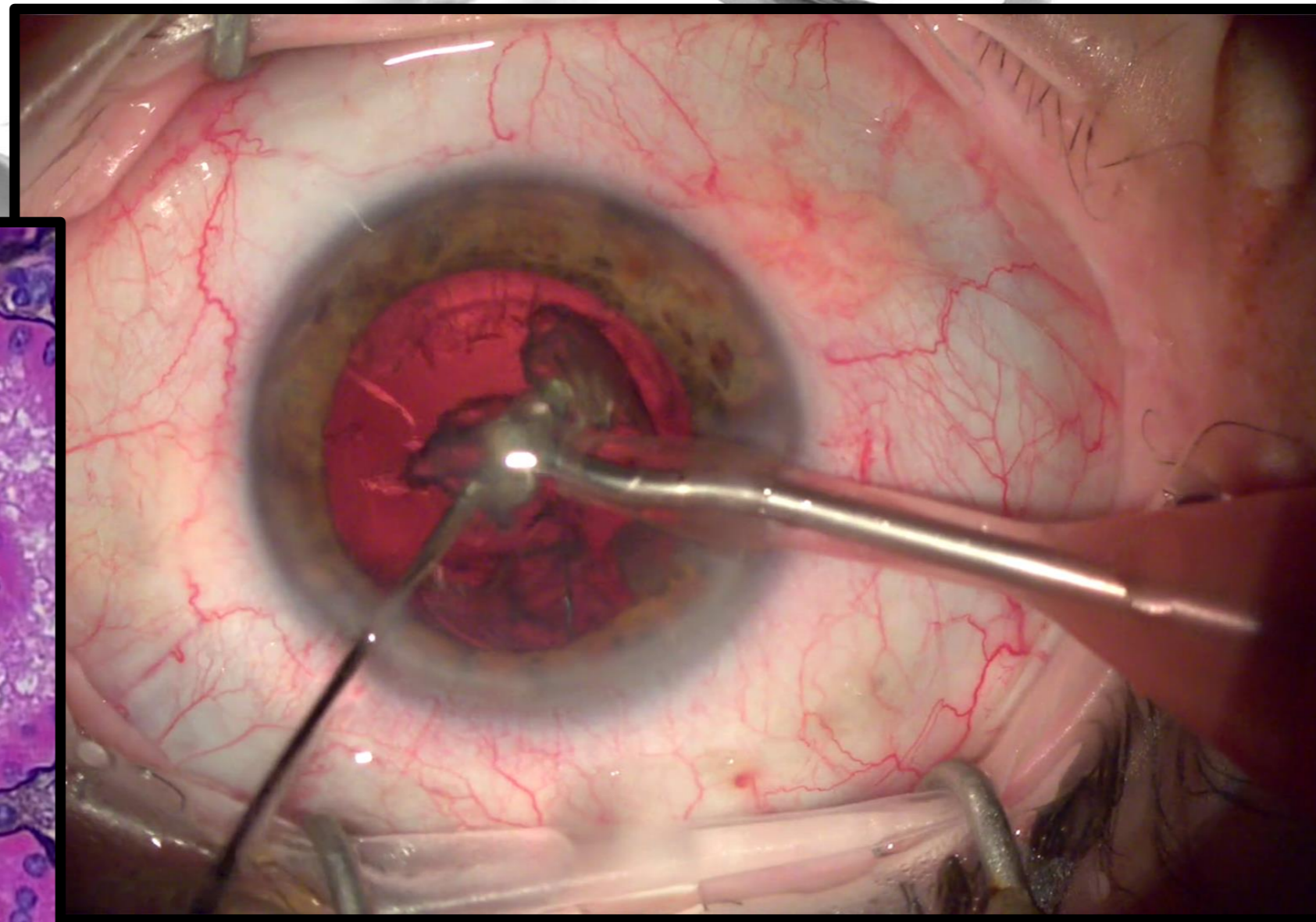
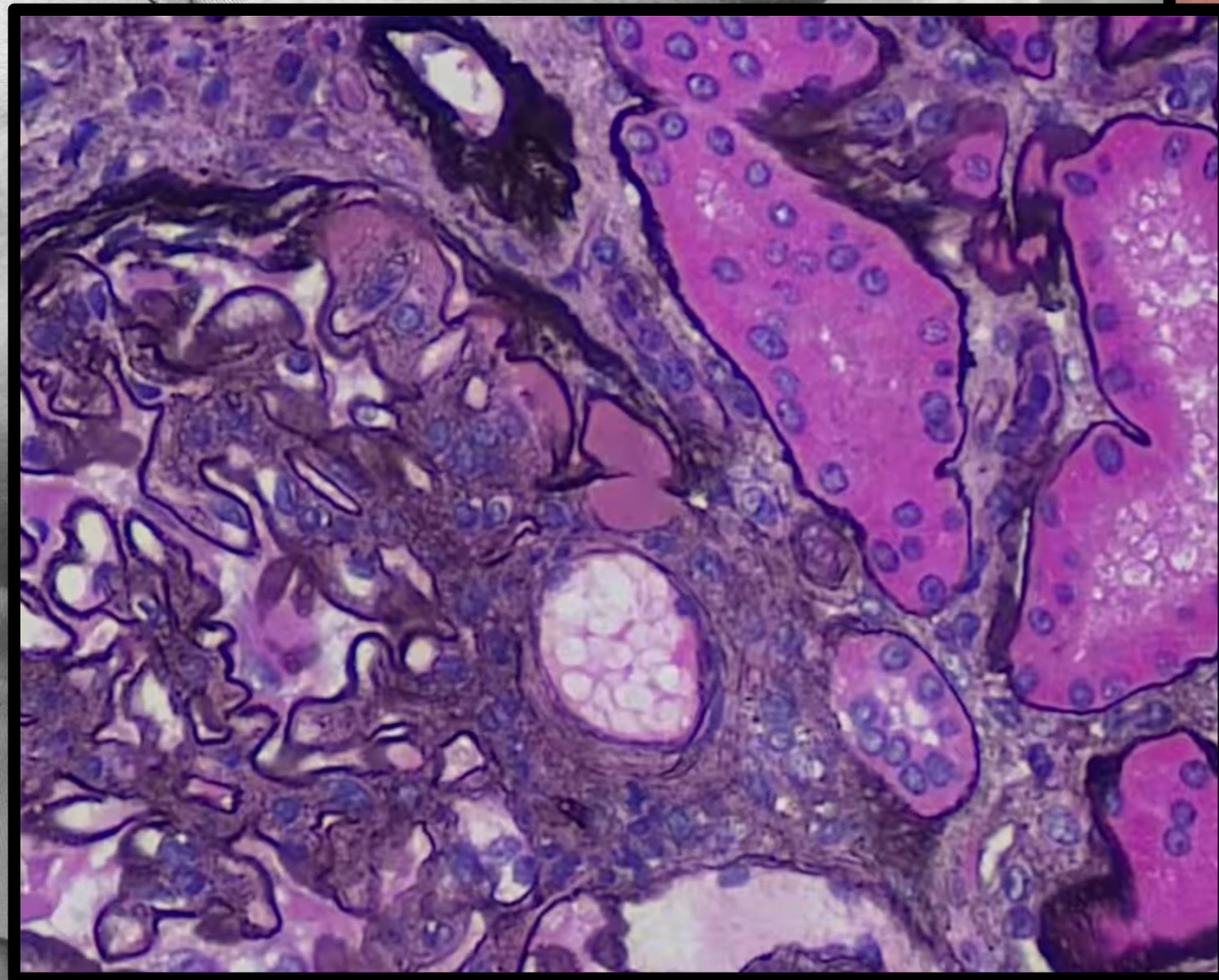


## Medical



## Security

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



# Ikegami

## Microscope Cameras



### MKC-X800

1CMOS Native 4K  
New Generation  
Medical Grade Camera



### MKC-750UHD Type H

3CMOS 4K  
High Resolution  
Medical Grade Camera



### MKC-704KHD

3CMOS 4K  
High Sensitivity  
Medical Grade Camera



### MKC-210HD

1CMOS FULL HD  
Medical Grade Camera



### MKC-230HD

3CMOS 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

[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



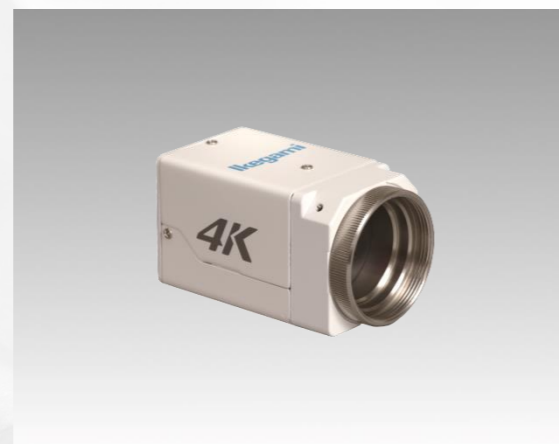
Digital Image Flip and Rotate



Touch Screen

HDR

HDR Mode



# MKC-750UHD Type H

## 3CMOS 4K High Resolution Medical Grade Camera

3  
CMOS 4K

- Lens Mount: C-mount
- Sensor Device: 1/3" 3CMOS
- Resolution: 1,600TVL
- Sensitivity: F11 at 2000lx (Line Mix On)
- SN ratio: 58dB
- Camera Head: W34xH40xD40mm

[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





# MKC-704KHD

3CMOS 4K High Sensitivity  
Medical Grade Camera

3  
CMOS **4K**

- Lens Mount: C-mount
- Sensor Device: 1/3" 3CMOS
- Resolution: 1,000TVL
- Sensitivity: F17 at 2000lx (Line Mix On)
- SN ratio: 58dB
- Camera Head: W34xH40xD40mm

[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



# MKC-210HD

1CMOS FULL HDTV  
Medical Grade Camera

1  
CMOS



- Lens Mount: C-mount
- Sensor Device: 1/3" 1CMOS
- Resolution: 900TVL
- Sensitivity: F8 at 2000lx
- SN ratio: 50dB
- Camera Head: W31xH31xD36mm



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

Find out more 





# MKC-230HD

3CMOS FULL HDTV  
Medical Grade Camera

3  
CMOS

HD  
High Definition

- Lens Mount: C-mount
- Sensor Device: 1/3" 3CMOS
- Resolution: 1,000TVL
- Sensitivity: F14 at 2000lx
- SN ratio: 54dB
- Camera Head: W34xH40xD40mm

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

# Surgeon Reviews

## James Lewis, MD

- Ophthalmologist Philadelphia, PA



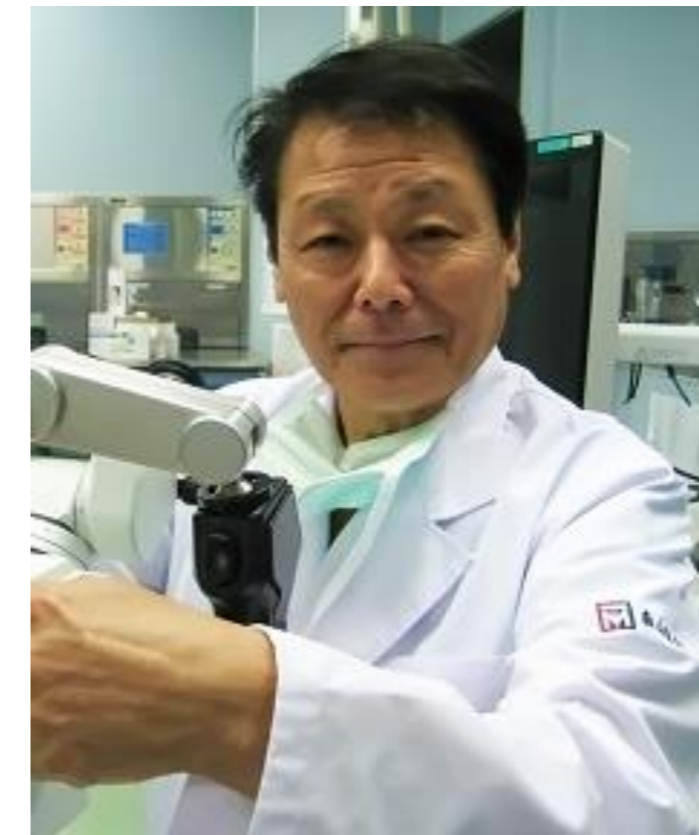
JAMES S. LEWIS, MD



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.**



## Takanori Fukushima, MD

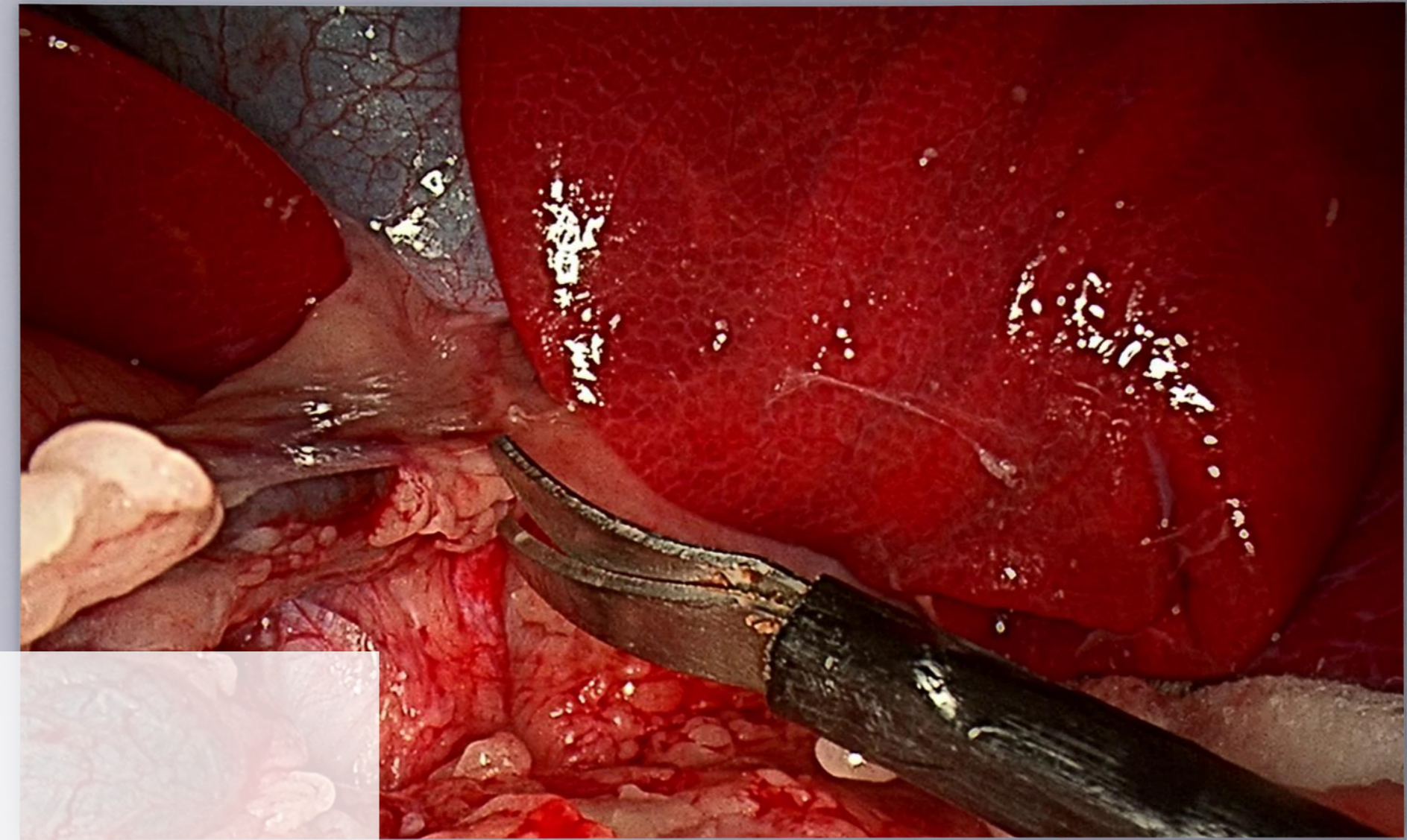
- Carolina Skull Base Surgery Center Director
- Duke University Professor of Neurosurgery
- MoriYama Memorial Hospital Fukushima Takanori Neurological Center Senior Advisor
- Tokyo Clinic Fukushima Takanori Neurological Center Senior Advisor



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**



Ikegami



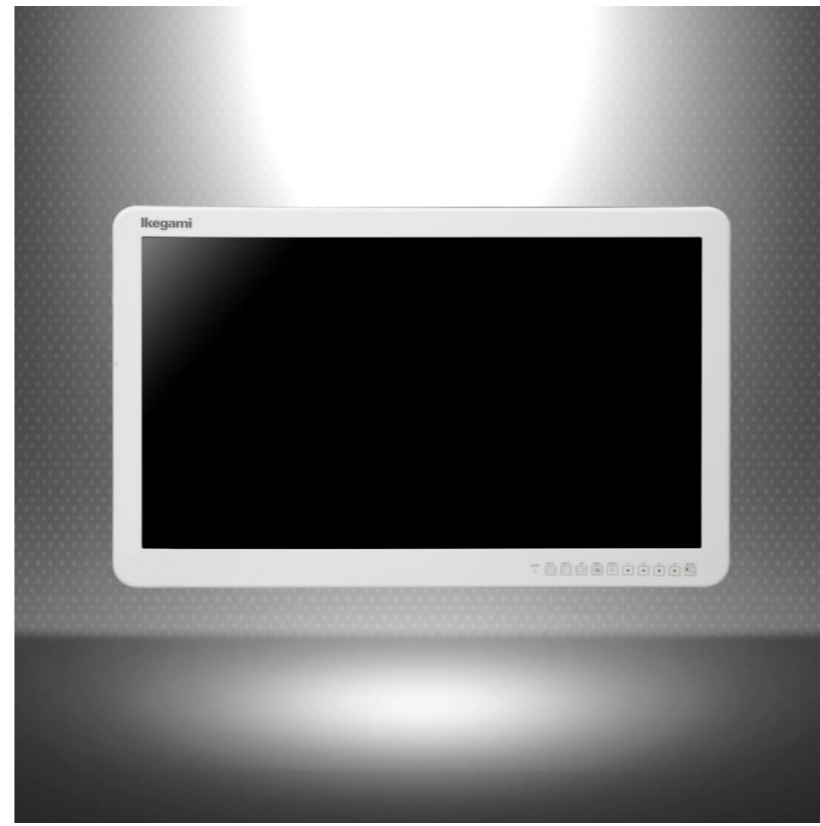
**MLW-2750UHD**

27-inch Medical Grade  
4K LCD Monitor



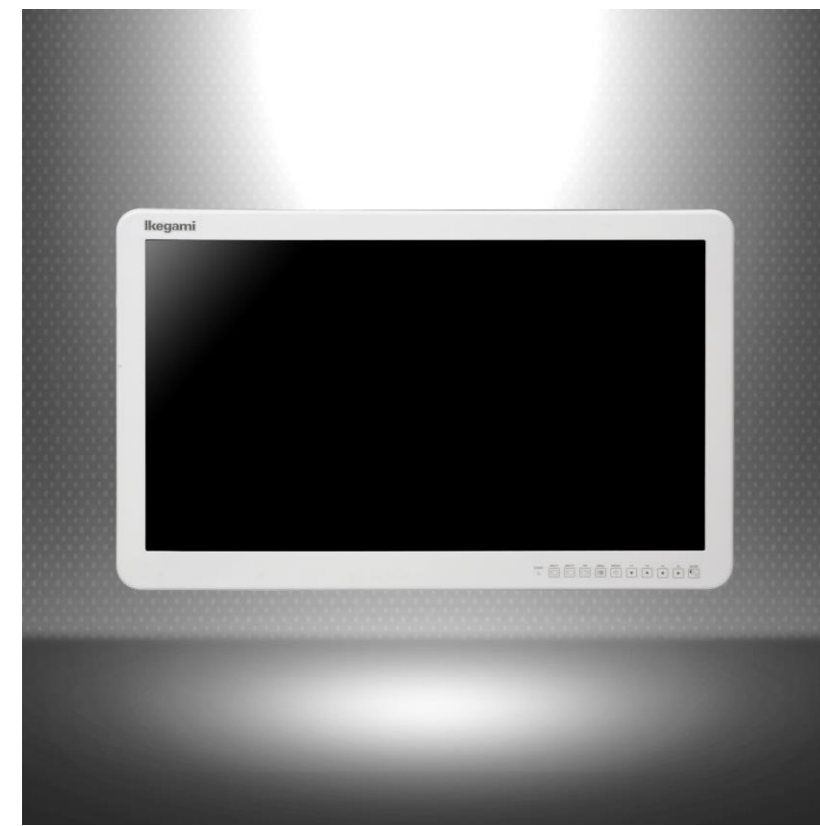
**MLW-2627C-DC Type 3D**

26-inch Medical Grade  
3D LCD Monitor



**MLW-2627C-DC**

26-inch Medical Grade  
High Brightness  
LCD Monitor



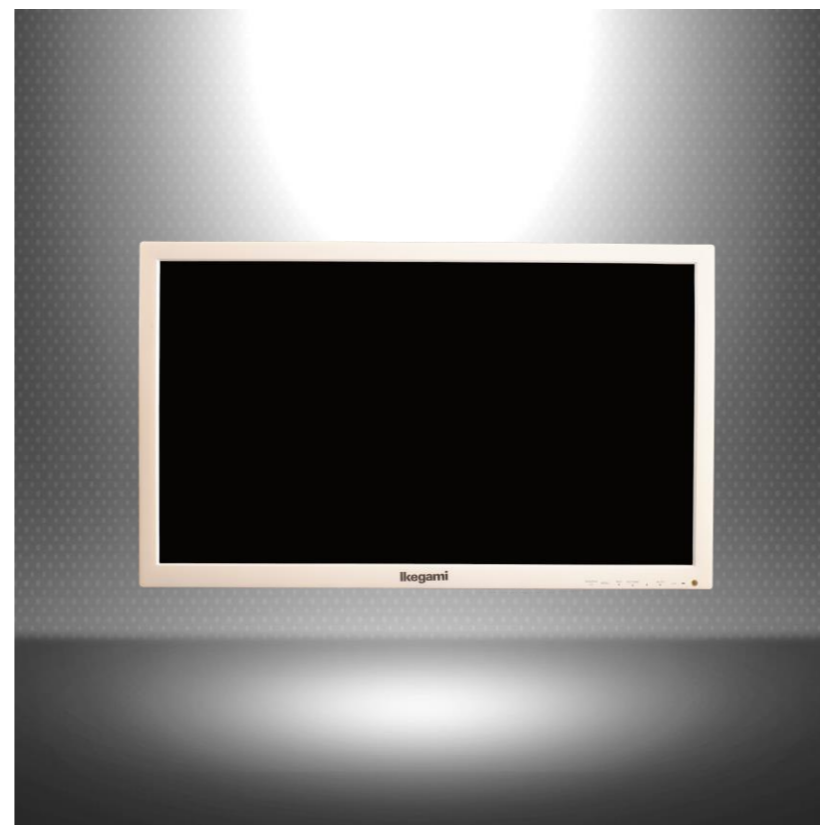
**MLW-2624C-DC**

26-inch Medical Grade  
LCD Monitor



**MLW-2424C-DC**

24-inch Medical Grade  
LCD Monitor



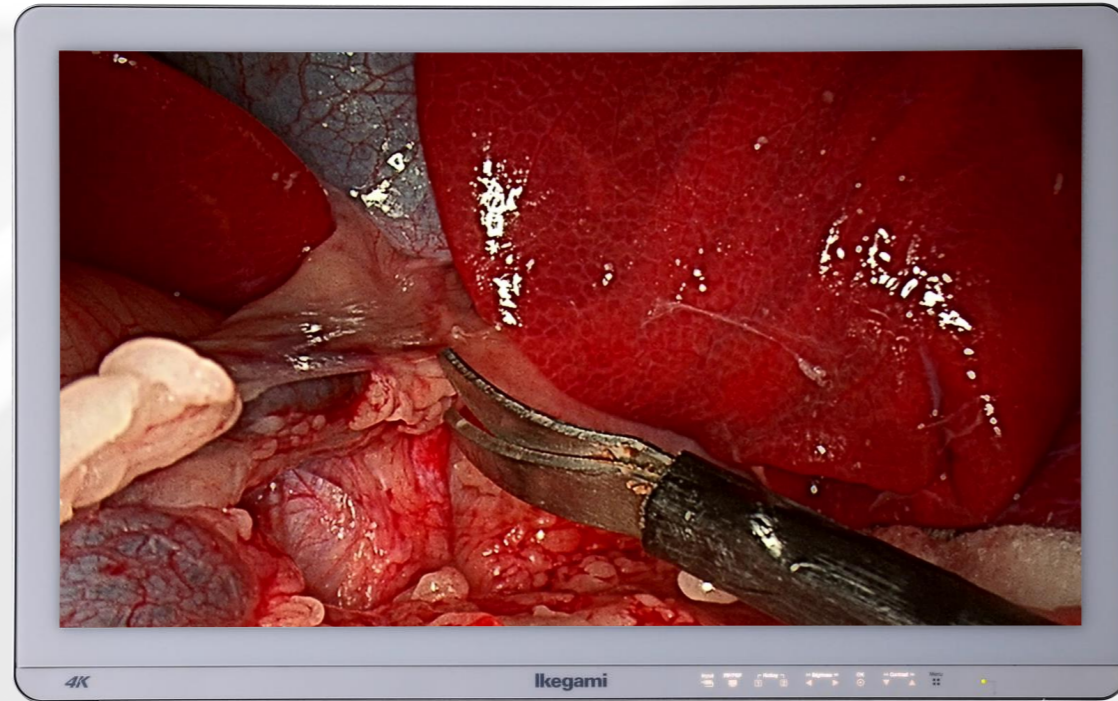
**MLW-2150HD**

21-inch Medical Grade  
LCD Monitor



# MLW-2750UHD

27-inch Medical Grade 4K LCD Monitor



**27**  
inch

**10**  
bit

**178°**  
View  
Angle

**4K**

- Resolution: 3840x2160
- Brightness: 800 cd/m2
- Contrast Ratio: 1000:1



Medical Grade



Wide Color Gamut



Image Enhancement Function

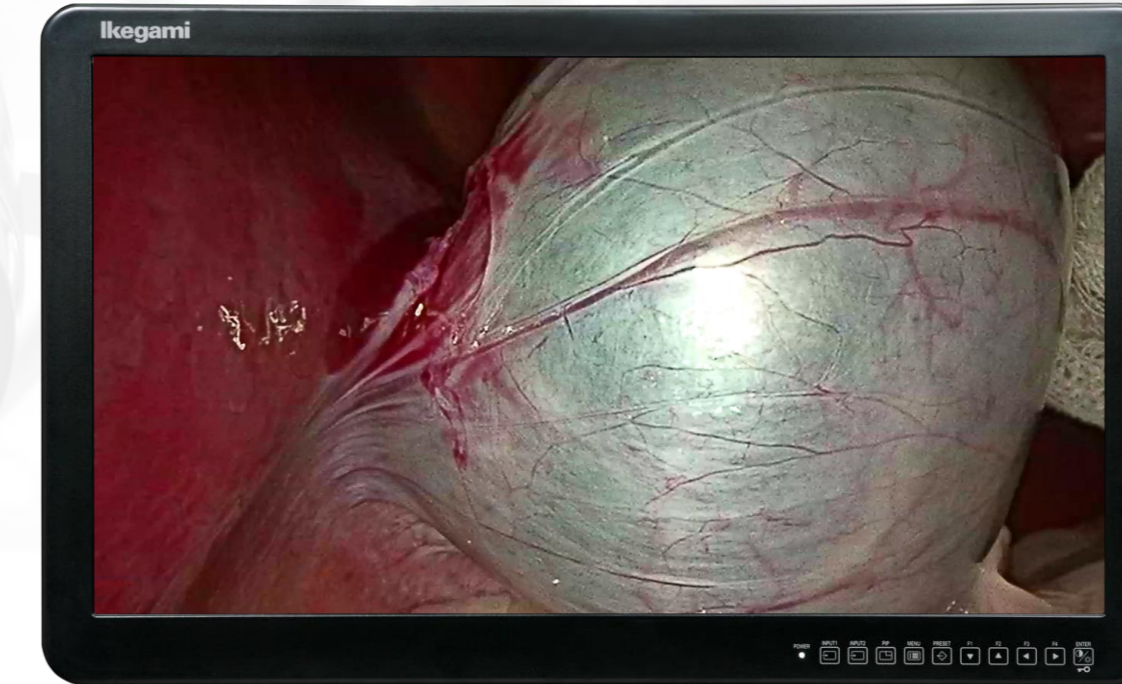


High Brightness

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

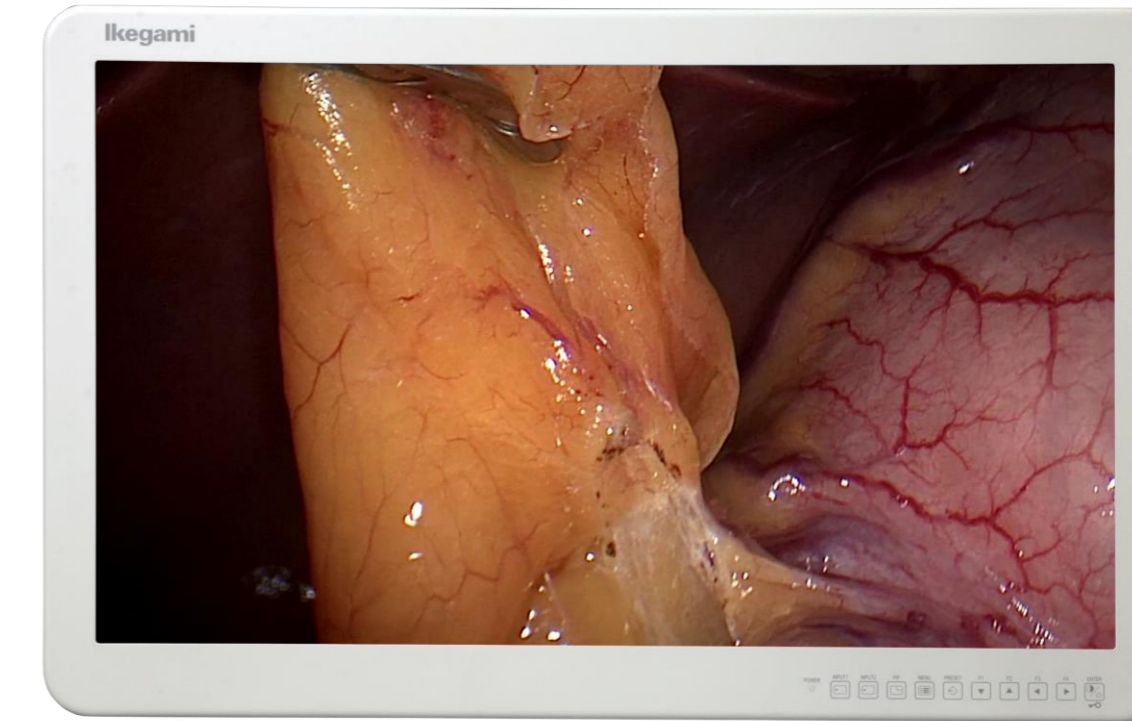


Picture-in-Picture

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

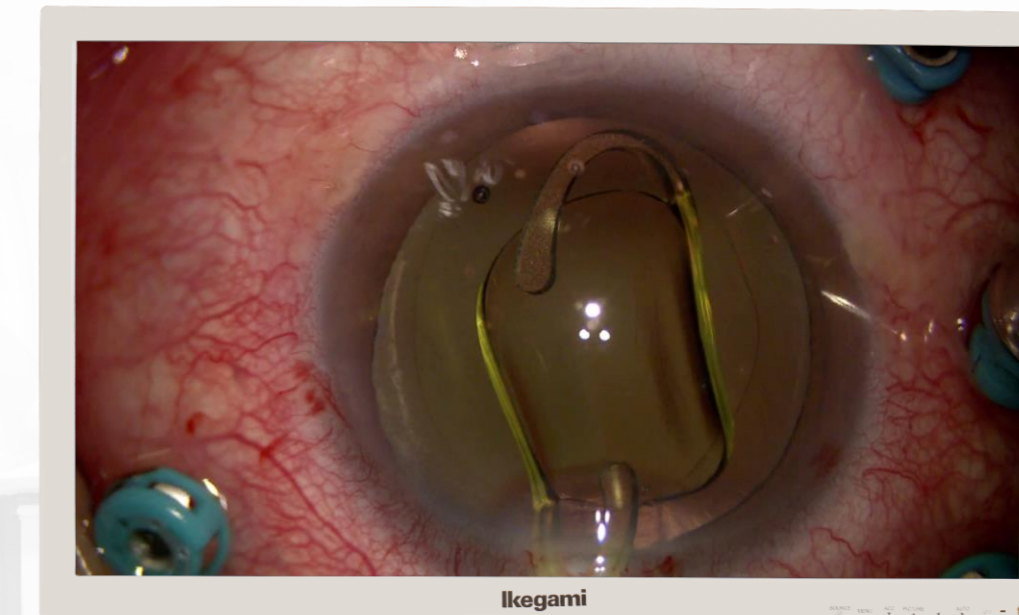


Picture-in-Picture

Find out more ▶

# MLW-2150HD

21-inch Medical Grade LCD Monitor



21  
inch

8  
bit

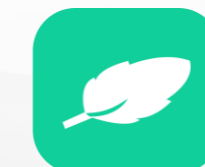
170°  
View  
Angle



- 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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