



Our Precision, Your Vision

# LG Medical Display



LG Virtual Showroom



# WHY LG Medical Display

LG offers a diverse portfolio of products, including clinical review monitors, diagnostic monitors, surgical monitors, and even digital X-ray detectors. Leveraging the outstanding display technology, LG will continue to provide medical devices meeting the needs of medical professionals.

## 01 CLEAR IMAGE



## 02 WORK EFFICIENCY



## 03 USER CONVENIENCE



### Application Guide

#### Consulting Room

Clinical Review Monitor



#### X-ray Room

Digital X-ray Detector



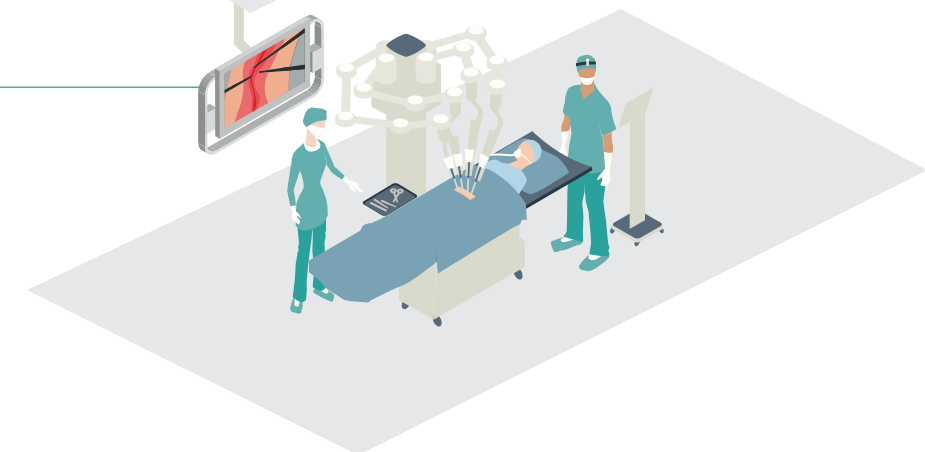
#### Reading Room

Clinical Review Monitor /  
Diagnostic Monitor



#### Operating Room

Surgical Monitor



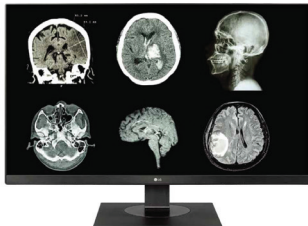
\* All images are shown for illustrative purposes only and may vary from the actual product / usage.

# Product Line-up

## Clinical Review Monitor



**27HJ712C**  
27-inch (16 : 9) | IPS  
8MP (3,840 x 2,160)

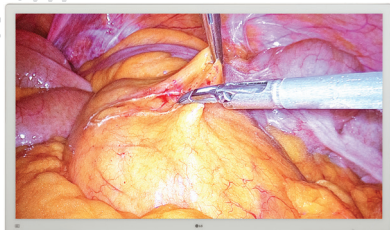


**27HJ713C**  
27-inch (16 : 9) | IPS  
8MP (3,840 x 2,160)

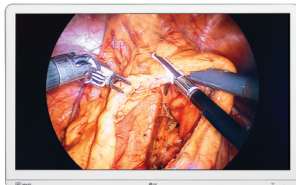


**24HR513C**  
24-inch (16 : 10) | IPS  
2MP (1,920 x 1,200)

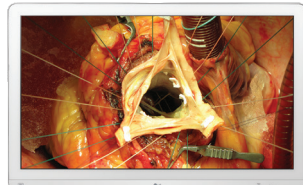
## Surgical Monitor



**55MH5K**  
55-inch (16 : 9) | IPS  
4K (3,840 x 2,160)



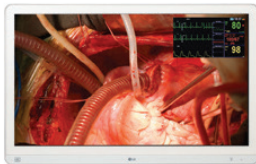
**32HR734S**  
31.5-inch (16 : 9) | IPS  
Mini-LED  
4K (3,840 x 2,160)



**32HL714S**  
31.5-inch (16 : 9) | IPS  
4K (3,840 x 2,160)



**32HL710S**  
31.5-inch (16 : 9) | IPS  
4K (3,840 x 2,160)



**27HQ710S**  
27-inch (16 : 9) | VA  
Mini-LED  
4K (3,840 x 2,160)



**27HK510S**  
27-inch (16 : 9) | IPS  
Full HD (1,920 x 1,080)

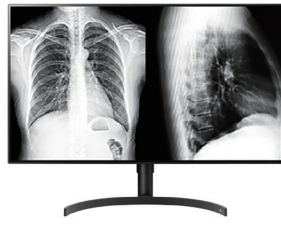
## Diagnostic Monitor



**31HN713D**  
31-inch (3 : 2) | IPS  
12MP (4,200 x 2,800)



**32HQ713D**  
31.5-inch (16 : 9) | IPS Black  
8MP (3,840 x 2,160)



**32HL512D**  
31.5-inch (16 : 9) | IPS  
8MP (3,840 x 2,160)



**21HQ613D**  
21.3-inch (4 : 5) | IPS  
5MP (2,048 x 2,560)



**21HQ513D**  
21.3-inch (3 : 4) | IPS  
3MP (1,536 x 2,048)

## Digital X-ray Detector

### Oxide TFT



**17HQ901G**  
Oxide TFT  
Wired / Wireless



**14HQ901G**  
Oxide TFT  
Wired / Wireless

### a-Si TFT



**17HQ701G**  
a-Si TFT  
Wired / Wireless



**14HQ701G**  
a-Si TFT  
Wired / Wireless



**10HQ701G**  
a-Si TFT  
Wired / Wireless



**17HK700G-W**  
a-Si TFT  
Wired

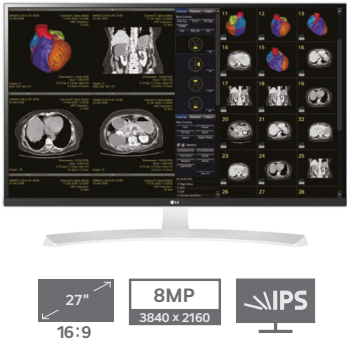


**14HQ721G**  
a-Si TFT  
Built-in AEC  
Wired / Wireless

LG Medical Monitor

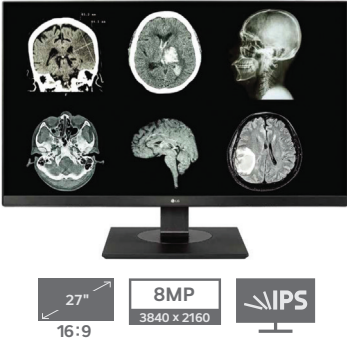
# Clinical Review Monitor

## 27HJ712C



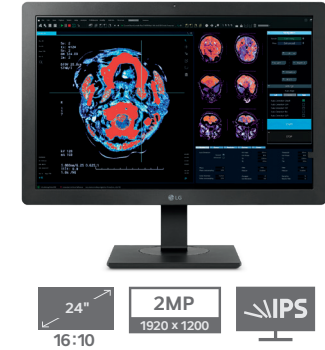
- DICOM Compliant
- HW Calibration
- Brightness (Typ.): 350 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): sRGB over 99% (Coverage)
- 3-Side Virtually Borderless Design
- 2PBP / Dual Controller
- Tilt / Height Adjustment / Pivot (+90°)

## 27HJ713C



- DICOM Compliant
- HW Calibration
- Brightness (Typ.): 350 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): sRGB over 99% (Coverage)
- 3-Side Virtually Borderless Design
- 2PBP / Dual Controller
- Tilt / Swivel / Height Adjustment / Pivot (±90°)

## 24HR513C



- DICOM Compliant
- HW Calibration with Internal Front Sensor
- Brightness (Typ.): 600 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Focus View Mode
- Pathology Mode
- Dual Controller
- Daisy Chain
- Tilt / Swivel / Height Adjustment / Auto Pivot (±90°)

## Specification

|                         |                                     | 27HJ712C                                                                                              | 27HJ713C                                                                                              | 24HR513C                                                                                              |
|-------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Model                   |                                     |                                                                                                       |                                                                                                       |                                                                                                       |
| Resolution              |                                     | 8MP (3,840 x 2,160)                                                                                   | 8MP (3,840 x 2,160)                                                                                   | 2MP (1,920 x 1,200)                                                                                   |
| Inch (Aspect Ratio)     |                                     | 27-inch (16 : 9)                                                                                      | 27-inch (16 : 9)                                                                                      | 24-inch (16 : 10)                                                                                     |
| Display                 | Panel Type                          | IPS                                                                                                   | IPS                                                                                                   | IPS                                                                                                   |
|                         | Surface Treatment                   | Anti-glare                                                                                            | Anti-glare                                                                                            | Anti-glare                                                                                            |
|                         | Color Gamut (Typ.)                  | sRGB over 99% (Coverage)                                                                              | sRGB over 99% (Coverage)                                                                              | NTSC 70% (CIE1931)                                                                                    |
|                         | Color Bit                           | 10 bit                                                                                                | 10 bit                                                                                                | 8 bit                                                                                                 |
|                         | Viewing Angles (CR≥10)              | 178° (Right / Left), 178° (Up / Down)                                                                 | 178° (Right / Left), 178° (Up / Down)                                                                 | 178° (Right / Left), 178° (Up / Down)                                                                 |
|                         | Brightness (Typ.)                   | 350 cd/m²                                                                                             | 350 cd/m²                                                                                             | 600 cd/m²                                                                                             |
|                         | Brightness (Stabilization)          | 250 cd/m²                                                                                             | 250 cd/m²                                                                                             | 350 cd/m²                                                                                             |
|                         | Contrast Ratio (Typ.)               | 1,000 : 1                                                                                             | 1,000 : 1                                                                                             | 1,000 : 1                                                                                             |
| Feature                 | Response Time (GtG <sup>1)</sup> )  | 14 ms (Off-setting), 5 ms (Faster-setting)                                                            | 14 ms (Off-setting), 5 ms (Faster-setting)                                                            | 5 ms (Faster-setting)                                                                                 |
|                         | DICOM Compliant                     | Yes                                                                                                   | Yes                                                                                                   | Yes                                                                                                   |
|                         | HW Calibration                      | Yes (LG Calibration Studio)                                                                           | Yes (LG Calibration Studio)                                                                           | Yes (LG Calibration Studio Medical)                                                                   |
|                         | Picture Mode                        | Custom, Mono, Reader, sRGB, Color Weakness, EBU, REC709, SMPTE-C, DICOM, Calibration 1, Calibration 2 | Custom, Mono, Reader, sRGB, Color Weakness, EBU, REC709, SMPTE-C, DICOM, Calibration 1, Calibration 2 | Custom, Mono, Pathology, Text, DICOM, DICOM (Custom), Calibration 1, Calibration 2                    |
|                         | Super Resolution+                   | Yes                                                                                                   | Yes                                                                                                   | Yes                                                                                                   |
| Video Signals           | Focus View Mode                     | -                                                                                                     | -                                                                                                     | Yes                                                                                                   |
|                         | Input Terminals                     | HDMI x 2, DisplayPort x 1                                                                             | HDMI x 2, DisplayPort x 1                                                                             | HDMI x 1, DisplayPort x 1, DVI-D x 1                                                                  |
| Connectivity            | Output Terminals                    | -                                                                                                     | -                                                                                                     | DisplayPort x 1 (Daisy Chain, 2MP / @60 Hz)                                                           |
|                         | USB                                 | USB 3.0 1 Upstream, 2 Downstream                                                                      | USB 3.0 1 Upstream, 2 Downstream                                                                      | USB 3.0 2 Upstream, 2 Downstream                                                                      |
| Power                   | AC Input                            | 100 - 240 Vac, 50 / 60 Hz                                                                             | 100 - 240 Vac, 50 / 60 Hz                                                                             | 100 - 240 Vac, 50 / 60 Hz                                                                             |
|                         | Power Consumption (Max.)            | 65 W                                                                                                  | 65 W                                                                                                  | 65 W                                                                                                  |
|                         | Power Consumption (DC Off)          | Less than 0.3 W                                                                                       | Less than 0.3 W                                                                                       | Less than 0.3 W                                                                                       |
| User Convenience        | PBP / Dual Controller               | Yes (2PBP) / Yes                                                                                      | Yes (2PBP) / Yes                                                                                      | No / Yes                                                                                              |
|                         | Reader Mode / Flicker Safe          | Yes / Yes                                                                                             | Yes / Yes                                                                                             | Yes / Yes                                                                                             |
|                         | Auto Luminance Sensor               | -                                                                                                     | -                                                                                                     | Yes                                                                                                   |
|                         | Front Sensor (Built-in Calibration) | -                                                                                                     | -                                                                                                     | Yes                                                                                                   |
| Physical Specifications | Weight (without Stand)              | 4.7 kg (10.4 lb)                                                                                      | 4.7 kg (10.4 lb)                                                                                      | 4.35 kg (9.5 lb)                                                                                      |
|                         | Weight (with Stand)                 | 6.2 kg (13.7 lb)                                                                                      | 7.5 kg (16.5 lb)                                                                                      | 7.1 kg (15.6 lb)                                                                                      |
|                         | Borderless Design                   | 3-Side Virtually Borderless Design                                                                    | 3-Side Virtually Borderless Design                                                                    | -                                                                                                     |
|                         | Adjustable Stand                    | Tilt: -3 ~ 20°, Pivot: +90°, Height Range: 110 mm                                                     | Tilt: -5 ~ 25°, Swivel: ±45°, Pivot: ±90° (Bi-Directional), Height Range: 150 mm                      | Tilt: -5° ~ 25°, Swivel: ±45°, Auto Pivot <sup>2)</sup> : ±90° (Bi-Directional), Height Range: 150 mm |
|                         | Wall Mount Size                     | 100 x 100 mm                                                                                          | 100 x 100 mm                                                                                          | 100 x 100 mm                                                                                          |

1) GtG: Gray to gray response time

2) Auto Pivot refers to the automatic screen rotation function.

\* Specifications may vary by region and all features, standards, and other product specifications are subject to change without notice or obligation.

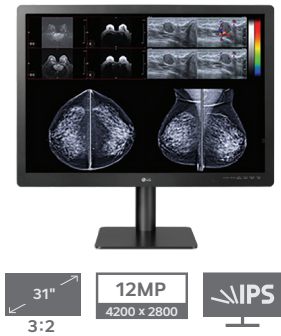
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LG Medical Monitor

Diagnostic Monitor

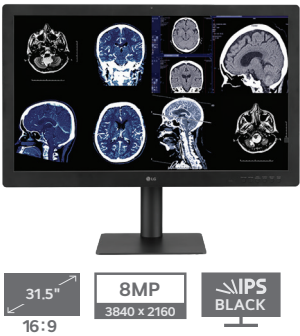


31HN713D



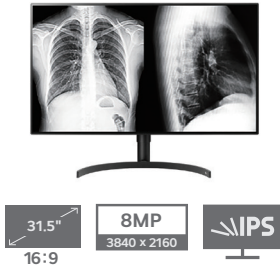
- DICOM Compliant
  - HW Calibration with Internal Front Sensor
  - Multi-Resolution Mode (12 / 6MP)
  - Brightness (Typ.): 1,200 cd/m²
  - Contrast Ratio (Typ.): 1,500 : 1
  - Color Gamut (Typ.): sRGB over 97% (Coverage)
- Focus View Mode
  - Pathology Mode
  - 6 Hot Keys
  - 2PBP / Dual Controller
  - Presence Sensor
  - Lighting (Down / Wall)

32HQ713D



- DICOM Compliant
  - HW Calibration with Internal Front Sensor
  - Multi-Resolution Mode (8 / 6 / 4MP)
  - Brightness (Typ.): 1,000 cd/m²
  - Contrast Ratio (Typ.): 2,000 : 1
  - Color Gamut (Typ.): sRGB 100% (CIE1931)
- Focus View Mode
  - Pathology Mode
  - 6 Hot Keys
  - 2PBP / Dual Controller
  - Presence Sensor
  - Lighting (Down / Wall)

32HL512D



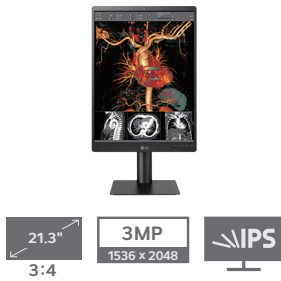
- DICOM Compliant
  - HW Calibration
  - Multi-Resolution Mode (8 / 6 / 4MP)
  - Brightness (Typ.): 450 cd/m²
  - Contrast Ratio (Typ.): 1,300 : 1
  - Color Gamut (Typ.): DCI-P3 98% (CIE1976)
  - Focus View Mode
  - Pathology Mode
  - HDR 10
  - 4-Side Virtually Borderless Design
  - 2PBP / Dual Controller
  - Pivot (±90°)

21HQ613D



- DICOM Compliant
  - HW Calibration with Internal Front Sensor
  - Multi-Resolution Mode (5 / 3 / 2MP)
  - Brightness (Typ.): 1,100 cd/m²
  - Contrast Ratio (Typ.): 1,800 : 1
  - Color Gamut (Typ.): NTSC 72% (CIE1931)
  - Focus View Mode
  - Pathology Mode
  - 5 Hot Keys
  - Dual Controller
  - Presence Sensor
  - Lighting (Down / Wall)
  - Auto Pivot (±90°)
  - Daisy Chain

21HQ513D



- DICOM Compliant
  - HW Calibration with Internal Front Sensor
  - Multi-Resolution Mode (3 / 2MP)
  - Brightness (Typ.): 1,100 cd/m²
  - Contrast Ratio (Typ.): 1,800 : 1
  - Color Gamut (Typ.): NTSC 72% (Coverage)
  - Focus View Mode
  - Pathology Mode
  - 5 Hot Keys
  - Dual Controller
  - Presence Sensor
  - Lighting (Down / Wall)
  - Auto Pivot (±90°)
  - Daisy Chain

Specification

|                         |                                         | 31HN713D                                                           | 32HQ713D                                                           | 32HL512D                                                                                                               | 21HQ613D                                                                                | 21HQ513D                                                                                |
|-------------------------|-----------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Model                   |                                         |                                                                    |                                                                    |                                                                                                                        |                                                                                         |                                                                                         |
| Resolution              |                                         | 12MP (4,200 x 2,800)                                               | 8MP (3,840 x 2,160)                                                | 8MP (3,840 x 2,160)                                                                                                    | 5MP (2,048 x 2,560)                                                                     | 3MP (1,536 x 2,048)                                                                     |
| Inch (Aspect Ratio)     |                                         | 31-inch (3 : 2)                                                    | 31.5-inch (16 : 9)                                                 | 31.5-inch (16 : 9)                                                                                                     | 21.3-inch (4 : 5)                                                                       | 21.3-inch (3 : 4)                                                                       |
| Display                 | Panel Type                              | IPS                                                                | IPS Black                                                          | IPS                                                                                                                    | IPS                                                                                     | IPS                                                                                     |
|                         | Surface Treatment                       | Anti-glare                                                         | Anti-glare                                                         | Anti-glare                                                                                                             | Anti-glare                                                                              | Anti-glare                                                                              |
|                         | Color Gamut (Typ.)                      | sRGB over 97% (Coverage)                                           | sRGB 100% (CIE1931)                                                | DCI-P3 98% (CIE1976)                                                                                                   | NTSC 72% (CIE1931)                                                                      | NTSC 72%                                                                                |
|                         | Color Bit                               | 10 bit                                                             | 10 bit                                                             | 10 bit                                                                                                                 | 10 bit                                                                                  | 10 bit                                                                                  |
|                         | Viewing Angles (CR≥10)                  | 178° (Right / Left), 178° (Up / Down)                              | 178° (Right / Left), 178° (Up / Down)                              | 178° (Right / Left), 178° (Up / Down)                                                                                  | 178° (Right / Left), 178° (Up / Down)                                                   | 178° (Right / Left), 178° (Up / Down)                                                   |
|                         | Brightness (Typ.)                       | 1,200 cd/m²                                                        | 1,000 cd/m²                                                        | 450 cd/m²                                                                                                              | 1,100 cd/m²                                                                             | 1,100 cd/m²                                                                             |
|                         | Brightness (Stabilization)              | 550 cd/m²                                                          | 500 cd/m²                                                          | 250 cd/m² (Clinical Mode Setting), 350 cd/m² (Diagnostic Mode Setting)                                                 | 600 cd/m²                                                                               | 500 cd/m²                                                                               |
|                         | Contrast Ratio (Typ.)                   | 1,500 : 1                                                          | 2,000 : 1                                                          | 1,300 : 1                                                                                                              | 1,800 : 1                                                                               | 1,800 : 1                                                                               |
| Feature                 | Response Time (GtG¹)                    | 14 ms (Off-setting), 5 ms (Faster-setting)                         | 14 ms (GtG, Not Support OD)                                        | 14 ms (Off- setting), 5 ms (Faster- setting)                                                                           | 5 ms (Faster- setting)                                                                  | 5 ms (Faster- setting)                                                                  |
|                         | DICOM Compliant                         | Yes                                                                | Yes                                                                | Yes                                                                                                                    | Yes                                                                                     | Yes                                                                                     |
|                         | HW Calibration                          | Yes (LG Calibration Studio Medical)                                | Yes (LG Calibration Studio Medical)                                | Yes (LG Calibration Studio Medical)                                                                                    | Yes (LG Calibration Software Medical)                                                   | Yes (LG Calibration Studio Medical)                                                     |
|                         | Picture Mode                            | Custom, Mono, Pathology, Text, DICOM, Calibration 1, Calibration 2 | Custom, Mono, Pathology, Text, DICOM, Calibration 1, Calibration 2 | Custom, Mono, Pathology, Reader, Vivid, HDR Effect, DICOM (Clinical), DICOM (Diagnostic), Calibration 1, Calibration 2 | Custom, Mono, Pathology, Text, DICOM, DICOM (Custom), Calibration 1, Calibration 2      | Custom, Mono, Pathology, Text, DICOM, DICOM (Custom), Calibration 1, Calibration 2      |
|                         | Super Resolution+ Multi Resolution Mode | Yes (12MP / 6MP)                                                   | Yes (8MP / 6MP / 4MP)                                              | Yes (8MP / 6MP / 4MP)                                                                                                  | Yes (5MP / 3MP / 2MP)                                                                   | Yes (3MP / 2MP)                                                                         |
|                         | Focus View Mode                         | Yes                                                                | Yes                                                                | Yes                                                                                                                    | Yes                                                                                     | Yes                                                                                     |
|                         | Light Box Mode                          | Yes                                                                | Yes                                                                | No                                                                                                                     | Yes                                                                                     | Yes                                                                                     |
| Video Signals           | Input Terminals                         | DisplayPort x 2                                                    | DisplayPort x 2                                                    | HDMI x 1, DisplayPort x 2                                                                                              | DisplayPort x 2, DVI-D (Dual Link) x 1                                                  | DisplayPort x 2, DVI x 1                                                                |
|                         | Output Terminals                        | -                                                                  | -                                                                  | -                                                                                                                      | DisplayPort x 1 (Daisy Chain, 5MP / @48 Hz)                                             | DisplayPort x 1 (Daisy Chain, 3MP / @60 Hz)                                             |
| Connectivity            |                                         | USB 3.0 1 Upstream, 3 Downstream                                   | USB 3.0 2 Upstream, 2 Downstream                                   | USB 2.0 1 Upstream, 2 Downstream                                                                                       | USB 3.0 2 Upstream, 2 Downstream                                                        | USB 3.0 2 Upstream, 2 Downstream                                                        |
| Power                   | AC Input                                | 100 - 240 Vac, 50 / 60 Hz                                          | 100 - 240 Vac, 50 / 60 Hz                                          | 100 - 240 Vac, 50 / 60 Hz                                                                                              | 100 - 240 Vac, 50 / 60 Hz                                                               | 100 - 240 Vac, 50 / 60 Hz                                                               |
|                         | Power Consumption (Max.)                | 180 W                                                              | 120 W                                                              | 65 W                                                                                                                   | 120 W                                                                                   | 120 W                                                                                   |
|                         | Power Consumption (DC Off)              | Less than 0.3 W                                                    | Less than 0.3 W                                                    | Less than 0.3 W                                                                                                        | Less than 0.3 W                                                                         | Less than 0.3 W                                                                         |
| User Convenience        | PBP / Dual controller                   | Yes (2PBP) / Yes                                                   | Yes (2PBP) / Yes                                                   | Yes (2PBP) / Yes                                                                                                       | No / Yes                                                                                | No / Yes                                                                                |
|                         | Reader Mode / Flicker Safe              | Yes (Text Mode) / Yes                                              | Yes / Yes                                                          | Yes / Yes                                                                                                              | Yes (Text Mode) / Yes                                                                   | Yes (Text Mode) / Yes                                                                   |
|                         | Lighting                                | Yes (Down / Wall)                                                  | Yes (Down / Wall)                                                  | No                                                                                                                     | Yes (Down / Wall)                                                                       | Yes (Down / Wall)                                                                       |
|                         | Presence Sensor                         | Yes                                                                | Yes                                                                | No                                                                                                                     | Yes                                                                                     | Yes                                                                                     |
|                         | Auto Luminance Sensor                   | Yes                                                                | Yes                                                                | No                                                                                                                     | Yes                                                                                     | Yes                                                                                     |
|                         | Front Sensor (Built-in Calibration)     | Yes                                                                | Yes                                                                | No                                                                                                                     | Yes                                                                                     | Yes                                                                                     |
| Physical Specifications | Weight (without Stand)                  | 10.7 kg (23.6 lb)                                                  | 9.7 kg (21.4 lb)                                                   | 5.6 kg (12.4 lb)                                                                                                       | 5.45 kg (12.0 lb)                                                                       | 5.0 kg (11.1 lb)                                                                        |
|                         | Weight (with Stand)                     | 14.0 kg (30.9 lb)                                                  | 13.0 kg (28.6 lb)                                                  | 7.0 kg (15.4 lb)                                                                                                       | 7.85 kg (17.3 lb)                                                                       | 7.0 kg (15.4 lb)                                                                        |
|                         | Borderless Design                       | Normal                                                             | Normal                                                             | 4-Side Virtually Borderless Design                                                                                     | Normal                                                                                  | Normal                                                                                  |
|                         | Adjustable Stand                        | Tilt: -5° ~ 15°, Swivel: ±15°, Height Range: 110 mm                | Tilt: -5° ~ 15°, Swivel: ±15°, Height Range: 110 mm                | Tilt: -5° ~ 20°, Pivot: ±90° (Bi-Directional), Height Range: 110 mm                                                    | Tilt: -5° ~ 20°, Swivel: ±15°, Auto Pivot²: ±90° (Bi-Directional), Height Range: 110 mm | Tilt: -5° ~ 20°, Swivel: ±15°, Auto Pivot²: ±90° (Bi-Directional), Height Range: 110 mm |
|                         | Wall Mount Size                         | 100 x 100 mm                                                       | 100 x 100 mm                                                       | 100 x 100 mm                                                                                                           | 100 x 100 mm                                                                            | 100 x 100 mm                                                                            |

1) GtG: Gray to gray response time

2) Auto Pivot refers to the automatic screen rotation function.

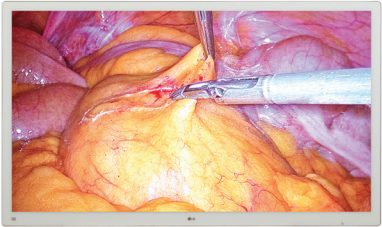
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LG Medical Monitor

Surgical Monitor

55MH5K



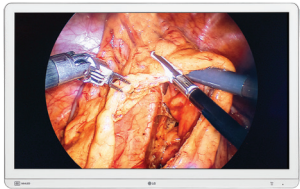
- 12G-SDI Support
- HDR 10 Support
- Brightness (Typ.): 680 cd/m²
- Contrast Ratio (Typ.): 1,100 : 1
- Color Gamut (Typ.): DCI-P3 86% (CIE1976)
- Failover Input Switch
- Mirror & Rotation Mode
- 2 / 3 / 4PBP, PIP
- IP45 (Front), IP32 (Except for Front), IK06

32HL710S



- 3G-SDI Support
- HDR 10 Support
- Brightness (Typ.): 800 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): sRGB over 99% (Coverage)
- Failover Input Switch
- Mirror & Rotation Mode
- 2 / 3 / 4PBP, PIP
- IP35 (Front), IP32 (Except for Front), IK06

32HR734S



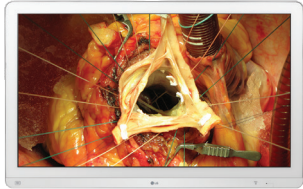
- 12G-SDI Support
- HDR 10 Support
- Brightness (Typ.): 800 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): DCI-P3 98% (Coverage)
- Clone Screen
- Failover Input Switch
- Mirror & Rotation Mode
- 2 / 3 / 4PBP, PIP
- IP45 (Front), IP32 (Except for Front), IK06

27HQ710S



- 3G-SDI Support
- HDR 10 Support
- Brightness (Typ.): 800 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): DCI-P3 98% (Coverage)
- Failover Input Switch
- Mirror & Rotation Mode
- 2 / 3 / 4PBP, PIP
- IP45 (Front), IP32 (Except for Front), IK06

32HL714S



- 12G-SDI Support
- HDR 10 Support
- Brightness (Typ.): 800 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): sRGB over 99% (Coverage)
- Failover Input Switch
- Mirror & Rotation Mode
- 2 / 3 / 4PBP, PIP
- IP35 (Front), IP32 (Except for Front), IK06

27HK510S



- 3G-SDI Support
- Brightness (Typ.): 1,000 cd/m²
- Contrast Ratio (Typ.): 1,000 : 1
- Color Gamut (Typ.): sRGB over 99% (Coverage)
- Failover Input Switch
- 2PBP, PIP
- IP35 (Front), IP32 (Except for Front), IK06

Specification

|                                 |                                    | 55MH5K                                                                                | 32HR734S                                                                                | 32HL714S                                                                              | 32HL710S                                                                              | 27HQ710S                                                                              | 27HK510S                                                                              |
|---------------------------------|------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Model                           |                                    |                                                                                       |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Resolution                      |                                    | 4K (3,840 x 2,160)                                                                    | 4K (3,840 x 2,160)                                                                      | 4K (3,840 x 2,160)                                                                    | 4K (3,840 x 2,160)                                                                    | 4K (3,840 x 2,160)                                                                    | Full HD (1,920 x 1,080)                                                               |
| Inch (Aspect Ratio)             |                                    | 55-inch (16 : 9)                                                                      | 31.5-inch (16 : 9)                                                                      | 31.5-inch (16 : 9)                                                                    | 31.5-inch (16 : 9)                                                                    | 27-inch (16 : 9)                                                                      | 27-inch (16 : 9)                                                                      |
| Display                         | Panel Type                         | IPS                                                                                   | IPS                                                                                     | IPS                                                                                   | IPS                                                                                   | VA                                                                                    | IPS                                                                                   |
|                                 | Color Gamut (Typ.)                 | DCI-P3 86% (CIE1976)                                                                  | DCI-P3 98% (CIE1976)                                                                    | sRGB 115% (Area), sRGB over 99% (Coverage)                                            | sRGB 115% (Area), sRGB over 99% (Coverage)                                            | DCI-P3 110.9% (Area), DCI-P3 98% (Coverage)                                           | sRGB 115% (Area), sRGB over 99% (Coverage)                                            |
|                                 | Color Bit                          | 10 bit                                                                                | 10 bit                                                                                  | 10 bit                                                                                | 10 bit                                                                                | 10 bit                                                                                | 10 bit                                                                                |
|                                 | Viewing Angles (CR≥10)             | 178° (Right / Left), 178° (Up / Down)                                                 | 178° (Right / Left), 178° (Up / Down)                                                   | 178° (Right / Left), 178° (Up / Down)                                                 | 178° (Right / Left), 178° (Up / Down)                                                 | 178° (Right / Left), 178° (Up / Down)                                                 | 178° (Right / Left), 178° (Up / Down)                                                 |
|                                 | Brightness (Typ.)                  | 680 cd/m <sup>2</sup>                                                                 | 800 cd/m <sup>2</sup>                                                                   | 800 cd/m <sup>2</sup>                                                                 | 800 cd/m <sup>2</sup>                                                                 | 800 cd/m <sup>2</sup>                                                                 | 1,000 cd/m <sup>2</sup>                                                               |
|                                 | Brightness (Stabilization)         | 400 cd/m <sup>2</sup> (DICOM: 400 cd/m <sup>2</sup> )                                 | 500 cd/m <sup>2</sup>                                                                   | 500 cd/m <sup>2</sup>                                                                 | 500 cd/m <sup>2</sup>                                                                 | 500 cd/m <sup>2</sup>                                                                 | 600 cd/m <sup>2</sup>                                                                 |
|                                 | Surface Treatment                  | Protection Glass (3.1t, Anti-reflection, Anti-fingerprint)                            | Protection Glass (1.3t, Optical Bonding, Anti-reflection, Anti-fingerprint, Anti-glare) | Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)                            | Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)                            | Protection Glass (1.3t, Optical Bonding, Anti-reflection, Anti-fingerprint)           | Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)                            |
|                                 | Contrast Ratio (Typ.)              | 1,100 : 1                                                                             | 1,000 : 1                                                                               | 1,000 : 1                                                                             | 1,000 : 1                                                                             | 1,000 : 1                                                                             | 1,000 : 1                                                                             |
|                                 | Response Time (GtG <sup>1)</sup> ) | 9 ms (Off-setting), 5 ms (Faster-setting)                                             | 5 ms (GtG at Faster)                                                                    | 14 ms (Off-setting), 5 ms (Faster-setting)                                            | 14 ms (Off-setting), 5 ms (Faster-setting)                                            | 5 ms (Faster-setting)                                                                 | 14 ms (Off-setting), 5 ms (Faster-setting)                                            |
| Feature                         | DICOM Compliant                    | Yes                                                                                   | Yes                                                                                     | Yes                                                                                   | Yes                                                                                   | Yes                                                                                   | Yes                                                                                   |
|                                 | HW Calibration                     | Yes (LG Calibration Studio)                                                           | Yes (LG Calibration Studio)                                                             | Yes (LG Calibration Studio)                                                           | Yes (LG Calibration Studio)                                                           | Yes (LG Calibration Studio)                                                           | Yes (LG Calibration Studio)                                                           |
|                                 | HDR                                | HDR 10, HDR Effect                                                                    | HDR 10, HDR Effect                                                                      | HDR 10, HDR Effect                                                                    | HDR 10, HDR Effect                                                                    | HDR 10, HDR Effect                                                                    | No                                                                                    |
| Video Signals                   | Input Terminals                    | HDMI x 1, DisplayPort x 1, DVI-D x 1, SDI (12G / 3G) x 4, SFP x 1                     | HDMI x 1, DisplayPort x 1, DVI-D x 1, SDI (12G / 3G) x 4                                | HDMI x 1, DisplayPort x 1, DVI x 1, SDI (12G / 3G) x 4, SFP x 1                       | HDMI x 1, DisplayPort x 1, DVI x 1, 3G-SDI x 1                                        | HDMI x 1, DisplayPort x 1, DVI-D x 1, 3G-SDI x 1                                      | HDMI x 1, 3G-SDI x 1, DVI-D x 1, D-sub x 1                                            |
|                                 | Output Terminals                   | DisplayPort x 1, DVI-D x 1, SDI (12G / 3G) x 4                                        | HDMI (Clone Screen) x 1, SDI (12G / 3G) x 4                                             | DisplayPort x 1, DVI x 1, SDI (12G / 3G) x 4                                          | DisplayPort x 1, DVI x 1, 3G-SDI x 1                                                  | DisplayPort x 1, DVI-D x 1, 3G-SDI x 1                                                | DVI-D x 1, 3G-SDI x 1                                                                 |
| Connectivity                    | USB                                | USB 3.0 1 Upstream, 1 Downstream                                                      | USB 3.0 1 Upstream, 1 Downstream                                                        | USB 2.0 1 Upstream, 1 Downstream                                                      | USB 2.0 1 Upstream, 1 Downstream                                                      | USB 3.0 1 Upstream, 1 Downstream                                                      | USB 3.0 1 Upstream, 1 Down tream                                                      |
| Power                           | AC Input                           | 100 - 240 Vac, 50 / 60 Hz                                                             | 100 - 240 Vac, 50 / 60 Hz                                                               | 100 - 240 Vac, 50 / 60 Hz                                                             | 100 - 240 Vac, 50 / 60 Hz                                                             | 100 - 240 Vac, 50 / 60 Hz                                                             | 100 - 240 Vac, 50 / 60 Hz                                                             |
|                                 | Power Consumption (Max.)           | 180 W                                                                                 | 130 W                                                                                   | 180 W                                                                                 | 120 W                                                                                 | 120 W                                                                                 | 120 W                                                                                 |
|                                 | Power Consumption (DC Off)         | Less than 0.3 W                                                                       | Less than 0.3 W                                                                         | Less than 0.3 W                                                                       | Less than 0.3 W                                                                       | Less than 0.3 W                                                                       | Less than 0.3 W                                                                       |
| Resistance Rating <sup>2)</sup> |                                    | IP45 <sup>3)</sup> (Front), IP32 <sup>4)</sup> (Except for Front), IK06 <sup>5)</sup> | IP45 <sup>3)</sup> (Front), IP32 <sup>4)</sup> (Except for Front), IK06 <sup>5)</sup>   | IP35 <sup>6)</sup> (Front), IP32 <sup>4)</sup> (Except for Front), IK06 <sup>5)</sup> | IP35 <sup>6)</sup> (Front), IP32 <sup>4)</sup> (Except for Front), IK06 <sup>5)</sup> | IP45 <sup>3)</sup> (Front), IP32 <sup>4)</sup> (Except for Front), IK06 <sup>6)</sup> | IP35 <sup>6)</sup> (Front), IP32 <sup>4)</sup> (Except for Front), IK06 <sup>5)</sup> |
| User Convenience                | PBP / PIP                          | Yes (2 / 3 / 4PBP) / Yes                                                              | Yes (2 / 3 / 4PBP) / Yes                                                                | Yes (2 / 3 / 4PBP) / Yes                                                              | Yes (2 / 3 / 4PBP) / Yes                                                              | Yes (2 / 3 / 4PBP) / Yes                                                              | Yes (2PBP) / Yes                                                                      |
|                                 | Screen Filp                        | Mirror Mode & Rotation Mode                                                           | Mirror Mode & Rotation Mode                                                             | Mirror Mode & Rotation Mode                                                           | Mirror Mode & Rotation Mode                                                           | Mirror Mode & Rotation Mode                                                           | No                                                                                    |
|                                 | Failover Input Switch              | Yes                                                                                   | Yes                                                                                     | Yes                                                                                   | Yes                                                                                   | Yes                                                                                   | Yes                                                                                   |
| Physical Specifications         | Weight                             | 34.8 kg (76.7 lb)                                                                     | 9.7 kg (21.4 lb)                                                                        | 13.5 kg (29.8 lb)                                                                     | 12.4 kg (27.3 lb)                                                                     | 8 kg (18 lb)                                                                          | 7.7 kg (17 lb)                                                                        |
|                                 | Wall Mount Size                    | 200 x 200 mm / 300 x 300 mm                                                           | 200 x 100 mm / 100 x 100 mm                                                             | 200 x 100 mm / 100 x 100 mm                                                           | 200 x 100 mm / 100 x 100 mm                                                           | 200 x 100 mm / 100 x 100 mm                                                           | 200 x 100 mm / 100 x 100 mm                                                           |

1) GtG: Gray to gray response time  
2) Tested under controlled laboratory conditions with an IP/ IK rating. Dry before using. Do not charge while wet.  
3) IP45: Protected against solid foreign objects of 1.0 mm Ø and greater / Protected against access to hazardous parts with a wire / Protected against water jets.  
4) IP32: Protected against solid foreign objects of 2.5 mm Ø and greater / Protected against access to hazardous parts with a tool / Protected against vertically falling water drops when enclosure tilted up to 15°.  
5) IK06: Protected against 1 joule impact.  
6) IP35: Protected against solid foreign objects of 2.5 mm Ø and greater / Protected against access to hazardous parts with a tool / Protected against water jets.  
\* Specifications may vary by region and all features, standards, and other product specifications are subject to change without notice or obligation.

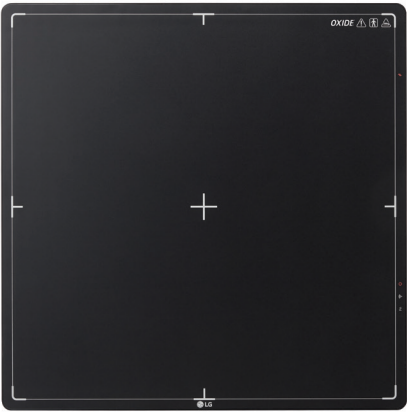
\* All images are shown for illustrative purposes only and may vary from the actual product / usage.

LG Digital X-ray Detector

# Digital X-ray Detector

Oxide TFT

## 17HQ901G



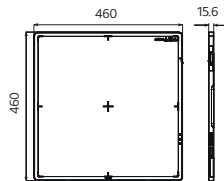
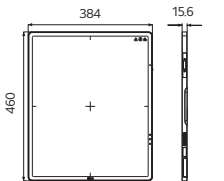
- Oxide TFT
- 140 μm pixel size
- 16 bit A/D conversion
- Raw Image in 2 s (Wireless) & 1.5 s (Wired)
- IP68

## 14HQ901G



- Oxide TFT
- 140 μm pixel size
- 16 bit A/D conversion
- Raw Image in 2 s (Wireless) & 1.5 s (Wired)
- IP68

## Specification

|                                                  |                                  | 17HQ901G (17 x 17-inch)                                                             | 14HQ901G (14 x 17-inch)                                                             |
|--------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model                                            |                                  |  |  |
| Dimension / Weight (Including Battery)           |                                  | 460 mm x 460 mm x 15.6 mm                                                           | 384 mm x 460 mm x 15.6 mm                                                           |
|                                                  |                                  | 3.6 kg (8 lb)                                                                       | 3.0 kg (6.6 lb)                                                                     |
| Intended Use                                     |                                  | General Radiography                                                                 | General Radiography                                                                 |
| TFT Type                                         |                                  | Oxide                                                                               | Oxide                                                                               |
| Scintillator                                     |                                  | CsI                                                                                 | CsI                                                                                 |
| Pixel Pitch                                      |                                  | 140 μm                                                                              | 140 μm                                                                              |
| Image Area                                       | Number of Pixels                 | 3,072 x 3,072 pixels                                                                | 3,072 x 2,560 pixels                                                                |
|                                                  | TFT Active Area                  | 430.08 × 430.08 mm                                                                  | 358.40 x 430.08 mm                                                                  |
| MTF                                              | MTF @ 0.5lp/mm (Typ.)            | 84%                                                                                 | 84%                                                                                 |
| A/D Conversion                                   |                                  | 16 bit                                                                              | 16 bit                                                                              |
| Data Output                                      |                                  | 16 bit                                                                              | 16 bit                                                                              |
| Communication                                    | Type                             | Wired / Wireless                                                                    | Wired / Wireless                                                                    |
|                                                  | WLAN                             | IEEE802.11a/b/g/n/ac, 2.4 GHz / 5 GHz                                               | IEEE802.11a/b/g/n/ac, 2.4 GHz / 5 GHz                                               |
|                                                  | Auto Exposure Detection          | Yes                                                                                 | Yes                                                                                 |
| Cycle Time                                       |                                  | 4.5 sec (Wired) / 5 sec (Wireless)                                                  | 4.5 sec (Wired) / 5 sec (Wireless)                                                  |
| Full Image Transfer (Typ.) (without Window Time) |                                  | 1.5 sec (Wired) / 2 sec (Wireless)                                                  | 1.5 sec (Wired) / 2 sec (Wireless)                                                  |
| Durability                                       | Maximum Load Weight              | Full (Uniform Load): 400 kg (881.8 lb)                                              | Full (Uniform Load): 400 kg (881.8 lb)                                              |
|                                                  |                                  | Local (Point Load): 200 kg (440.9 lb)                                               | Local (Point Load): 200 kg (440.9 lb)                                               |
|                                                  | IP Rating                        | IP68 <sup>1)</sup>                                                                  | IP68 <sup>1)</sup>                                                                  |
|                                                  | Drop (IEC60601-1 Test Condition) | 1.5 m                                                                               | 1.5 m                                                                               |
|                                                  | Sensor Protection Plate          | Carbon Fiber Plate                                                                  | Carbon Fiber Plate                                                                  |
| Battery                                          | Operation Time                   | 300 shots / 7.5 hrs (Typ.) (Condition: Cycle time 90 sec)                           | 320 shots / 8.0 hrs (Typ.) (Condition: Cycle Time 90 sec)                           |
|                                                  | Charging Time                    | 3 hrs (Typ.)                                                                        | 3 hrs (Typ.)                                                                        |
|                                                  | Hot Swap                         | Yes (1 Min)                                                                         | Yes (1 Min)                                                                         |
| Accessories                                      | Cable                            | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                           | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                           |
|                                                  | Other                            | Battery Charger                                                                     | Battery Charger                                                                     |
|                                                  |                                  | 2 x Battery Packs                                                                   | 2 x Battery Packs                                                                   |
|                                                  |                                  | Control Box                                                                         | Control Box                                                                         |

\* All images are shown for illustrative purposes only and may vary from the actual product / usage.

1) IP68: Dust-tight / Protected against access to hazardous parts with a wire / Protected against the effects of continuous immersion in water.

\* Specifications may vary by region and all features, standards, and other product specifications are subject to change without notice or obligation.

LG Digital X-ray Detector

# Digital X-ray Detector

a-Si TFT

## 17HQ701G



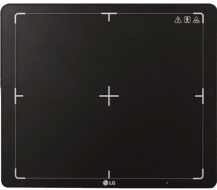
- a-Si TFT
- 140 μm pixel size
- 16 bit A/D conversion
- Raw Image in 2.5 s (Wireless) & 1.5 s (Wired)
- IP68

## 14HQ701G



- a-Si TFT
- 140 μm pixel size
- 16 bit A/D conversion
- Raw Image in 2 s (Wireless) & 1.5 s (Wired)
- IP68

## 10HQ701G



- a-Si TFT
- 140 μm pixel size
- 16 bit A/D conversion
- Raw Image in 2 s (Wireless) & 1.5 s (Wired)
- IP68

## 17HK700G-W



- a-Si TFT
- 140 μm pixel size
- 16 bit A/D conversion
- 2 s (Wired)
- IP53

## 14HQ721G



- a-Si TFT
- Built-in AEC
- 140 μm pixel size
- 16 bit A/D conversion
- Raw Image in 2 s (Wireless) & 1.5 s (Wired)
- IP68

## Specification

|                                                  |                                  | 17HQ701G<br>(17 x 17-inch)                                                      | 14HQ701G<br>(14 x 17-inch)                                                      | 10HQ701G<br>(10 x 12-inch)                                                      | 17HK700G-W<br>(17 x 17-inch)                                                    | 14HQ721G<br>(14 x 17-inch)                                                      |
|--------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Model                                            |                                  |                                                                                 |                                                                                 |                                                                                 |                                                                                 |                                                                                 |
| Dimension / Weight (Including Battery)           |                                  | 460 mm x 460 mm x 15.6 mm                                                       | 384 mm x 460 mm x 15.6 mm                                                       | 282 mm x 333 mm x 15.6 mm                                                       | 460 mm x 460 mm x 15.6 mm                                                       | 384 mm x 460 mm x 15.6 mm                                                       |
|                                                  |                                  | 3.7 kg (8.2 lb)                                                                 | 3.2 kg (7.1 lb)                                                                 | 1.9 kg (4.2 lb)                                                                 | 3.4 kg (7.5 lb)                                                                 | 3.2 kg (7.1 lb)                                                                 |
| Intended Use                                     |                                  | General Radiography                                                             | General Radiography                                                             | General Radiography                                                             | General Radiography                                                             | General Radiography                                                             |
| TFT Type                                         |                                  | a-Si                                                                            | a-Si                                                                            | a-Si                                                                            | a-Si                                                                            | a-Si                                                                            |
| Scintillator                                     |                                  | CsI                                                                             | CsI                                                                             | CsI                                                                             | CsI                                                                             | CsI                                                                             |
| Pixel Pitch                                      |                                  | 140 μm                                                                          | 140 μm                                                                          | 140 μm                                                                          | 140 μm                                                                          | 140 μm                                                                          |
| Image Area                                       | Number of Pixels                 | 3,072 x 3,072 pixels                                                            | 2,500 x 3,052 pixels                                                            | 2,048 x 1,792 pixels                                                            | 3,072 x 3,072 pixels                                                            | 2,500 x 3,052 pixels                                                            |
|                                                  | TFT Active Area                  | 430.08 x 430.08 mm                                                              | 350.0 x 427.28 mm                                                               | 286.72 x 250.88 mm                                                              | 430.08 x 430.08 mm                                                              | 350.0 x 427.28 mm                                                               |
| MTF                                              | MTF @ 0.5lp/mm (Typ.)            | 84%                                                                             | 84%                                                                             | 84%                                                                             | 89%                                                                             | 84%                                                                             |
| A/D Conversion                                   |                                  | 16 bit                                                                          | 16 bit                                                                          | 16 bit                                                                          | 16 bit                                                                          | 16 bit                                                                          |
| Data Output                                      |                                  | 16 bit                                                                          | 16 bit                                                                          | 16 bit                                                                          | 16 bit                                                                          | 16 bit                                                                          |
| Communication                                    | Type                             | Wired / Wireless                                                                | Wired / Wireless                                                                | Wired / Wireless                                                                | Wired                                                                           | Wired / Wireless                                                                |
|                                                  | WLAN                             | IEEE802.11a/b/g/n/ac, 2.4 GHz / 5 GHz                                           | IEEE802.11a/b/g/n/ac, 2.4 GHz / 5 GHz                                           | IEEE802.11a/b/g/n/ac, 2.4 GHz / 5 GHz                                           | N/A                                                                             | IEEE802.11a/b/g/n/ac, 2.4 GHz / 5 GHz                                           |
|                                                  | Auto Exposure Detection          | Yes                                                                             | Yes                                                                             | Yes                                                                             | Yes                                                                             | Yes                                                                             |
| Cycle Time                                       |                                  | 4.5 sec (Wired) / 5 sec (Wireless)                                              | 4.5 sec (Wired) / 5 sec (Wireless)                                              | 4.5 sec (Wired) / 5 sec (Wireless)                                              | 8 sec (Wired)                                                                   | 4.5 sec (Wired) / 5 sec (Wireless)                                              |
| Full Image Transfer (Typ.) (without Window Time) |                                  | 1.5 sec (Wired) / 2.5 sec (Wireless)                                            | 1.5 sec (Wired) / 2 sec (Wireless)                                              | 1.5 sec (Wired) / 2 sec (Wireless)                                              | 2 sec (Wired)                                                                   | 1.5 sec (Wired) / 2 sec (Wireless)                                              |
| Durability                                       | Maximum Load Weight              | Full (Uniform Load): 400 kg (881.8 lb)<br>Local (Point Load): 200 kg (440.9 lb) | Full (Uniform Load): 400 kg (881.8 lb)<br>Local (Point Load): 200 kg (440.9 lb) | Full (Uniform Load): 400 kg (881.8 lb)<br>Local (Point Load): 200 kg (440.9 lb) | Full (Uniform Load): 300 kg (661.3 lb)<br>Local (Point Load): 100 kg (220.4 lb) | Full (Uniform Load): 400 kg (881.8 lb)<br>Local (Point Load): 200 kg (440.9 lb) |
|                                                  |                                  | IP68 <sup>1)</sup>                                                              | IP68 <sup>1)</sup>                                                              | IP68 <sup>1)</sup>                                                              | IP53 <sup>2)</sup>                                                              | IP68 <sup>1)</sup>                                                              |
|                                                  | IP rating                        | IP68 <sup>1)</sup>                                                              | IP68 <sup>1)</sup>                                                              | IP68 <sup>1)</sup>                                                              | IP53 <sup>2)</sup>                                                              | IP68 <sup>1)</sup>                                                              |
|                                                  | Drop (IEC60601-1 Test Condition) | 1.5 m                                                                           | 1.5 m                                                                           | 1.5 m                                                                           | 1.0 m                                                                           | 1.5 m                                                                           |
| Battery                                          | Sensor Protection Plate          |                                                                                 | Carbon Fiber Plate                                                              | Carbon Fiber Plate                                                              | Carbon Fiber Plate                                                              | Carbon Fiber Plate                                                              |
|                                                  | Operation Time                   | 300 shots / 7.5 hrs (Typ.) (Condition: Cycle Time 90 sec)                       | 300 shots / 7.5 hrs (Typ.) (Condition: Cycle Time 90 sec)                       | 300 shots / 7.5 hrs (Typ.) (Condition: Cycle Time 90 sec)                       | -                                                                               | 300 shots / 7.5 hrs (Typ.) (Condition: Cycle Time 90 sec)                       |
|                                                  | Charging Time                    | 3 hrs (Typ.)                                                                    | 3 hrs (Typ.)                                                                    | 3 hrs (Typ.)                                                                    | N/A                                                                             | 3 hrs (Typ.)                                                                    |
|                                                  | Hot Swap                         | Yes (1 Min)                                                                     | Yes (1 Min)                                                                     | Yes (1 Min)                                                                     | N/A                                                                             | Yes (1 Min)                                                                     |
| Accessories                                      | Cable                            | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                       | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                       | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                       | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                       | Power Cord, Main Cable 7 m (LAN Cable, Sync Cable Option)                       |
|                                                  |                                  | Battery Charger                                                                 | Battery Charger                                                                 | Battery Charger                                                                 | N/A                                                                             | Battery Charger                                                                 |
|                                                  | Other                            | 2 x Battery Packs                                                               | 2 x Battery Packs                                                               | 2 x Battery Packs                                                               | N/A                                                                             | 2 x Battery Packs                                                               |
|                                                  |                                  | Control Box                                                                     | Control Box                                                                     | Control Box                                                                     | Control Box                                                                     | Control Box                                                                     |
| Built-in AEC (Auto Exposure Control)             |                                  | X                                                                               | X                                                                               | X                                                                               | X                                                                               | O                                                                               |

1) IP68: Dust-tight / Protected against access to hazardous parts with a wire / Protected against the effects of continuous immersion in water.

2) IP53: Dust-protected / Protected against access to hazardous parts with a wire / Protected against spraying water.

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