







## 31-inch 12MP Diagnostic Monitor

| 31HN713D |

- ▶ 12MP (4200 x 2800) IPS Display for Mammography
- ▶ Multi-resolution Mode (12/6 MP)
- ▶ Pathology Mode, Focus View Mode
- ▶ Internal Front Sensor for Calibration
- ▶ Down Lighting, Wall Lighting
- ▶ DICOM Compliant
- ▶ Ergonomic Design

# Specification Diagnostic Monitors

Resolution		12MP (4200 x 2800)	8MP (3840 x 2160)	3MP (1536 x 2048)	
Inch (Aspect Ratio)		31-inch (3:2)	31.5-inch (16:9)	21.3-inch (3:4)	21.3-inch (3:4)
Model		31HN713D	32HL512D	21HQ513D	21HK512D
Model					
Panel	Panel Type	IPS	IPS	IPS	IPS
	Surface Treatment	Anti-glare, 3H	Anti-glare, 3H	Anti-glare, 3H	Anti-glare
	Color Gamut (Typ.)	sRGB over 97% (Coverage)	DCI-P3 98% (CIE1976)	NTSC 72%	NTSC 72% (Coverage)
	Viewing Angles (CR≥10)	178°(Right/Left/Up/Down)	178°(Right/Left/Up/Down)	178°(Right/Left/Up/Down)	178°(Right/Left/Up/Down)
	Brightness (Typ.)	1080 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	1100 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>
	Contrast Ratio (Typ.)	1500:1	1300:1	1800:1	1400:1
	Response Time (GtG*)	14 ms (Off- setting), 5 ms (Faster- setting)	14 ms (Off- setting), 5 ms (Faster- setting)	5 ms (Faster-setting)	On/Off 30ms (Typ.)
Feature	DICOM Compliant	Yes	Yes	Yes	Yes
	HW Calibration	Yes (PerfectLum) with Internal Front Sensor	Yes (PerfectLum)	Yes (PerfectLum) with Internal Front Sensor	Yes (PerfectLum) with Internal Front Sensor
	HDR	No	HDR 10, HDR Effect	No	No
	Display Mode	Multi-resolution Mode (12/6MP), Pathology Mode, Focus View Mode, Lighting Box Mode	Multi-resolution Mode (8/6/4MP), Pathology Mode	Multi-resolution Mode (3/2MP), Focus View Mode, Pathology Mode, Lighting Box Mode	No
	Super Resolution+	Yes	Yes	No	No
Video Signals	Input Terminals	DisplayPort x2	HDMI x1, DisplayPort x2	DisplayPort x2, DVI x1	DVI x1, DisplayPort x1
	Output Terminals	-	-	DisplayPort x1 (Daisy Chain, 3MP/ @60Hz)	-
Connectivity	USB	1 Upstream, 3 Downstream	1 Upstream, 2 Downstream	2 Upstream, 2 Downstream	1 Upstream, 2 Downstream
Power	AC Input	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz
	Power Consumption (Max.)	180W	65W	120W	85W
	Power Consumption (DC Off)	Less than 1.5W	Less than 0.3W	Less than 0.3W	Less than 6.5W
User Convenience	PBP	Yes (2PBP)	Yes (2PBP)	No	No
	Reader Mode / Flicker Safe	Yes (Text Mode) / Yes	Yes / Yes	Yes / Yes	No / No
	Lighting	Yes (Down / Wall)	No	Yes (Down / Wall)	No
	Presence Sensor	Yes	No	Yes	Yes
	Auto Luminance Sensor	Yes	No	Yes	Yes
Physical Specifications	Weight (with stand)	14.0 kg (30.9 lbs)	7.0 kg (15.4 lbs)	7.0 kg (15.4 lbs)	9.8 kg (21.6 lbs)
	Borderless Design	Normal	4-Side Virtually Borderless Design	Normal	Normal
	Adjustable Stand	Swivel : ±15°, Tilt : -5-15° Height Range : 110mm	Pivot : ±90°, Tilt : -5-20° Height Range : 110mm	Tilt : -5-20°, Pivot : ±90°, Height Range : 110 mm	Pivot : ±90°, Swivel : ±45°, Tilt : -5-25° Height Range : 150mm

\*GTG : Gray to gray response time

\*\*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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