
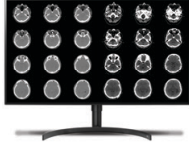



31-inch 12MP Diagnostic Monitor

| 31HN713D |

- ▶ FDA 510(k) Class II approved for Mammography
- ▶ 12MP (4200 x 2800) Display Resolution
- ▶ Picture by Picture Operation
- ▶ Internal Front Sensor for Calibration
- ▶ Down Lighting, Wall Lighting
- ▶ Pathology Mode, Focus View Mode

Specification Diagnostic Monitors

Resolution		12MP (4200 x 2800)	8MP (3840 x 2160)	3MP (2048 x 1536)
Inch (Aspect Ratio)		31-inch (3:2) Color	31.5-inch (16:9) Color	31-inch (3:2) Color
Model		31HN713D	32HL512D	21HK512D
Model				
Panel	Panel Type	IPS	Nano IPS	IPS
	Surface Treatment	Anti-glare, 3H	Anti-glare, 3H	Anti-glare
	Color Gamut (Typ.)	sRGB over 97% (Coverage)	DCI-P3 98% (CIE1976)	NTSC 72% (Coverage)
	Viewing Angles (CR≥10)	178°(Right/Left), 178°(Up/Down)	178° (Right/Left), 178° (Up/Down)	178° (Right/Left), 178° (Up/Down)
	Brightness (Typ.)	1080 cd/m ²	450 cd/m ²	1000 cd/m ²
	Contrast Ratio (Typ.)	1500:1	1300:1	1400:1
	Pixel Pitch	0.1554 mm x 0.1554 mm	0.18159 mm x 0.18159 mm	0.2115 mm x 0.2115 mm
	Response Time	GTG* 14ms (Off- setting), GTG 5ms (Faster- setting)	GTG* 14ms (Off- setting), GTG 5ms (Faster- setting)	On/Off 30ms (Typ.)
Feature	DICOM Compliant	Yes	Yes	Yes
	HW Calibration	Yes (PerfectLum) with Internal Front Sensor	Yes (PerfectLum) Requires external photometer	Yes (PerfectLum) with Internal Front Sensor
	Brightness Stabilization	Yes	Yes	Yes
	Brightness Uniformity Correction	Yes	No	Yes
	Display Mode	Multi-resolution Mode(12/6MP), Pathology Mode, Focus View Mode	Multi-resolution Mode(8/6/4MP), Pathology Mode	No
Video Signals	Input Terminals	DisplayPort x2	HDMI x1, DisplayPort x2	DVI x1, DisplayPort x1
Connectivity	USB	1 upstream, 3 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream
Power	AC Input	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz
	Power Consumption (Max.)	180W	65W	85W
	Power Consumption (DC Off)	Less than 0.3W	Less than 0.3W	Less than 6.5W
Certifications & Standards		IEC(IEC 60601-1 / IEC 60601-1-2), EN(EN 60601-1 / EN 60601-1-2), IEC(IEC 60950-1 / EN (EN 60950-1 / EN 55032, 55035), IEC (IEC 60950-1 / IEC 55032, 55024), cUL (ANSI/AAMI ES 60601-1, EN (EN 60950-1 / EN55032, 55024), CSA CAN/C- SA-C22.2 NO.a 60601-1), FCC (FCC part 15 Class A), FDA (510(k) (Class II)), RoHS, REACH, WEEE	IEC / EN(EN 60601-1 / EN 60601-1-2), IEC / EN (EN 60950-1 / EN 55032, 55024), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1) FCC (FCC part 15 Class A), FDA (510(k) (Class II)), RoHS, REACH, WEEE	IEC / EN(EN 60601-1 / EN 60601-1-2), IEC / EN (EN 60950-1 / EN 55032, 55024), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1) FCC (FCC part 15 Class A), FDA (510(k) (Class II)), RoHS, REACH, WEEE
User Convenience	PBP	Yes (2PBP)	Yes (2PBP)	No
	Reader Mode / Flicker Safe	Yes (Text Mode) / Yes	Yes / Yes	No / No
	Lighting	Yes (Down / Wall)	No	No
	Presence Sensor	Yes	No	Yes
	Auto Luminance Sensor	Yes	No	Yes
Physical Specifications	Weight (with stand)	14.0 kg (30.9 lb)	7.0 kg (15.4 lb)	9.8 kg (21.6 lb)
	Borderless Design	Normal	4-Side Virtually Borderless Design	Normal
	Adjustable Stand	Swivel : ±15°, Tilt : -5~15° Height Range : 110mm	Pivot : ±90°, Tilt : -5~20° Height Range : 110mm	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.