LG Digital X-ray Detectors





Superior Image Quality for Diagnostic Confidence

Highly Sensitive CsI AED Detector with 16bit AD Conversion (Data Input & Output)

*Auto Exposure Detection









Light yet Durable

IP41: Water Resistance & Dustproof



Solids Level 4 Protected against objects of size 1mm or larger

Protected against dripping liquids,

such as blood and bodily fluids

Magnesium & Carbon-fiber Body

With a super strong body that combines carbon-fiber with magnesium, The LG DXD is not only lightweight, but also exceptionally strong.



Maximum Load Weight

17HK700G-WP & 17HK701G-WP





150kg (331lb) Point load 100kg (220lb)

Acquisition Workstation Software(AWS) for LG DXD

Multi-layer Image Processing (MLP)

Liquids Level 1

Multi-layer image processing embedded in AWS provides well-balanced visualization at each frequency level. Its contrast enhancement processing functions such as detail contrast, sharpen and de-noise improve tissue visibility within an image.













Specification

Digital X-ray Detector

Model Name		17HK700G-WP (Wired)	17HK701G-WP (Wired / Wireless)	14HK701G-WP (Wired / Wireless)
External Dimensions / Weight		18.1" x 18.1" x 0.6" 460mm x 460mm x 15.5mm 3.2kg, 7lb	18.1" x 18.1" x 0.6" 460mm x 460mm x 15.5mm 3.4kg, 7.5lb (Icld. Battery)	15.1" x 18.1" x 0.6" 384mm x 460mm x 15.2mm 2.95kg, 6.5lb (Icld. Battery)
		460mm 155mm	460mm 155mm	384mm 152mm
Intended Use		General Radiography		
TFT Type		A-si		
Scintillator		Csl		
Pixel Size		140 // M		
Image Area	X-ray Sensitive Pixel	3072 x 3072 pixels	3072 x 3072 pixels	2500 x 3052 pixels
	X-ray Sensitive Area	16.9" x 16.9" 430.08 x 430.08 mm	16.9" x 16.9" 430.08 x 430.08 mm	13.8" x 16.8" 350 x 427.28 mm
MTF	MTF @ 0.5lp/mm	(Тур.) 89%		
DQE	DQE @ 0.1lp/mm	(Тур.) 72%		
A/D Conversion		1 Gbit		
Data Output		1 Gbit		
Communication	Туре	Wired	Wired / Wireless	Wired / Wireless
	Wireless	-	IEE802.11a/b/g/n/ac, 2.4GHz / 5GHz	IEE802.11a/b/g/n/ac, 2.4GHz / 5GHz
	AED (Auto Exposure Detection)	Support		
Cycle Time		8sec.	8sec. (Wired) / 11sec. (Wireless)	8sec. (Wired) / 11sec. (Wireless)
Full Image		2 sec (Typ).	Wired: 2 sec / Wireless: 2.5 sec (Typ)	Wired: 2 sec / Wireless: 2.5 sec (Typ)
Durability	Maximum Load Weight	Full (Uniform Load) : 300 kg, 661 lb		
		Local (Point Load) : 100kg, 220lb		
	Resistance Rating	IP53		
	Sensor Protection Plate	Carbon Fiber Plate		
Battery	Operating Time	-	(Typ.) 240 shots / 6.0hrs. (Condition : Interval Time 90sec.)	(Typ.) 240 shots / 6.0hrs. (Condition : Interval Time 90sec.)
	Duration in Standby Status	-	(Typ.) 13hrs.	(Typ.) 13hrs.
	Charging Time	-	3hrs.	3hrs.

Acquisition Workstation Software

Installation Requirement	OS	Microsoft Windows 7, 8.1, 10 (64 bit)
	DB	MariaDB
	Processor Options	Intel CPU Desktop sixth gen i7 or above
	RAM	8GB
	HDD	512GB

ttps://www.lg.com/us/business/commercial-display

https://www.twitter.com/LGCommDisplays
https://www.facebook.com/LGcommercialdisplays

https://www.laceookcom/coopany/lg-commercial-displays-usa
https://www.youtube.com/lgcommercialdisplayusa

800-897-8726 | IT Sales

Copyright 2020 [®]LG Electronics USA, Inc., 2000 Millbrook Drive Lincolnshire, IL 60069, USA. All rights reserved. LG and the LG logo are registered trademarks of LG Corp. All other products and brand names are trademarks or registered trademarks of their respective companies. Designs, features, and specifications are subject to change without notice. All screen images are simulated. SPEC_14/17HK701G-WP-17HK700G-WP_062062_LR



Business Solutions