



LG Veterinary Digital X-ray Systems



17HK700G-W
17HK701G-W | 14HK701G-W

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 1 mm or larger



Liquids Level 1

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.

Product Weight

17HK700G-W

17HK701G-W
Including Battery

14HK701G-W
Including Battery



Maximum Load Weight

17HK700G-W & 17HK701G-W
14HK701G-W



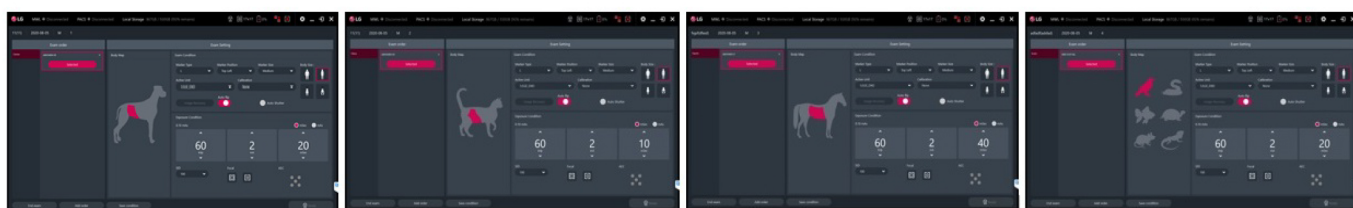
Uniform load
150kg (331lb)

Point load
100kg (220lb)

Acquisition Workstation Software (AWS) for LG DXD

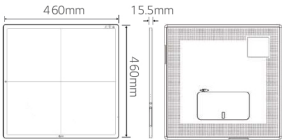
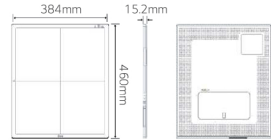
Veterinary User Interface

LG AWS offers your practice an easy-to-learn Graphical User Interface (GUI) with animal specific exam views to make order entry and patient imaging simple and efficient. Pre-programmed views for canine, feline, equine and exotic pets.



Specification

Digital X-ray Detector

Model Name		17HK700G-W (Wired)	17HK701G-W (Wired / Wireless)	14HK701G-W (Wired / Wireless)
External Dimension / Weight		460mm x 460mm x 15.5mm	460mm x 460mm x 15.5mm	384mm x 460mm x 15.2mm
				
		3.2kg, 7lb	3.4kg, 7.5lb (lcl. Battery)	2.95kg, 6.5lb (lcl. Battery)
Intended Use		General Radiography		
TFT Type		A-si		
Scintillator		CsI		
Pixel Size		140μm		
Image Area	X-ray Sensitive Pixel	3072 x 3072 pixels	3072 x 3072 pixels	2500 x 3052 pixels
	X-ray Sensitive Area	430.08 x 430.08 mm	430.08 x 430.08 mm	350 x 427.28 mm
MTF	MTF @ 0.5lp/mm	(Typ.) 89%		
DQE	DQE @ 0.1lp/mm	(Typ.) 72%		
A/D Conversion		16bit		
Data Output		16bit		
Communication	Type	Wired	Wired / Wireless	Wired / Wireless
	Wireless	-	IEEE802.11a/b/g/n/ac, 2.4GHz / 5GHz	IEEE802.11a/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		3sec.	3sec. (Wired) / 6sec. (Wireless)	3sec. (Wired) / 6sec. (Wireless)
Durability	Maximum Load Weight	Full (Uniform Load) : 150kg, 331lb Local (Point Load) : 100kg, 220lb		
	Resistance Rating	IP41		
	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 IoT (Internet of Things) OS
	DB	MariaDB
	Processor Options	Intel CPU Desktop 6th gen i7 or above
	RAM	8GB (min)
	HDD	2TB

LG Electronics Inc.

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