

LG Gen2 Wireless X-ray Detectors



Available sizes: 10x12", 14x17", 17x17"

Ensure Diagnostic Accuracy Superior Image Quality

LG DXD delivers high resolution and clear image quality without image distortion using 16-bit image processing and 140 micron pixel pitch.



Lightweight Durable Flat Panel Detectors

IP68 Water Resistance and Dustproof



Solids Level 6
Protected against dust intrusion



Liquids Level 8
Protected against continuous liquid immersion

Magnesium & Carbon-fiber Body
With a super strong body that combines carbon-fiber with magnesium, LG Gen2 DXDs are exceptionally strong and durable.

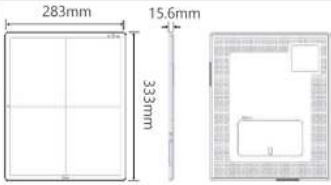
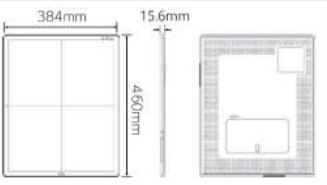
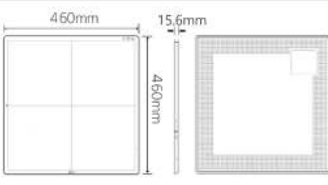
Product Weight



Maximum Load Weight



Specification

Digital X-ray Detector		10HQ701G-B	14HQ701G-B	17HQ701G-B
Model Name		10HQ701G-B	14HQ701G-B	17HQ701G-B
		(Wired/Wireless)	(Wired/Wireless)	(Wired/Wireless)
External Dimension / Weight		282 x 333 x 15.6 mm	384 x 460 x 15.6 mm	460 x 460 x 15.6 mm
				
		1.8 kg (incl. battery)	3.2 kg (incl. battery)	3.7 kg (incl. battery)
Intended Use		General Radiography		
TFT Type		A-si		
Scintillator		Cesium		
Pixel Size		140µm		
Image Area	X-ray sensitive Pixel	2048 x 1792	2560 x 3072	3072 x 3072
	X-ray sensitive Area	286.72 mm x 250.88 mm	430.08 x 358.40 mm	430.08 x 430.08 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/Wireless)	(Wired/Wireless)	(Wired/Wireless)
	Wireless	IEEE802.11a/b/g/n/ac, 2.4GHz/5GHz	IEEE802.11a/b/g/n/ac, 2.4GHz/5GHz	IEEE802.11a/b/g/n/ac, 2.4GHz/5GHz
	AED (Automatic Exposure Detection)	Supported		
Cycle Time		Wired 4.5sec / Wireless 5sec	Wired 4.5sec / Wireless 5sec	Wired 4.5sec / Wireless 5sec
Full Image		Wired 1.5 sec / Wireless 2 sec	Wired 1.5 sec / Wireless 2 sec	Wired 1.5 sec / Wireless 2.5sec
Durability	Max Load Weight	Full (Uniform Load) : 400kg Local (Point Load) : 200kg	Full (Uniform Load) : 400kg Local (Point Load) : 200kg	Full (Uniform Load) : 400kg Local (Point Load) : 200kg
	Resistance Rating	IP68		
	Sensor Protection Plate	Carbon Fiber Plate		
Battery	Operating Time	(Typ.) 300 shots/ 7.5 hrs (Condition : Cycle time 90sec)	(Typ.) 300 shots/ 7.5 hrs (Condition : Cycle time 90sec)	(Typ.) 300 shots/ 7.5 hrs (Condition : Cycle time 90sec)
	Duration in Standby	Typ.7.7hrs	Typ 7.7hrs	Typ.7.7hrs
	Charging Time	3 Hours	3 Hours	3 Hours
	Hot Swap	Yes (1min)	Yes (1min)	Yes (1min)
Acquisition Workstation Software				
Installation Requirement	Operating System (min)	Microsoft Windows 7 or above		
	Database	MariaDB		
	Processor Options	Intel CPU Desktop 5th Gen i5 or above		
	RAM (min)	8GB or above		
	HDD (min)	250GB or above		

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