



one™

Long Format
Digital Radiography
by Cuattro

ONE exposure

ONE image

ONE minute



17x51"
Long Format
Detector



Introducing the Cuattro ONE™ Long Format Digital Radiography

Long format studies have always been challenging and time consuming.
Until now. You spoke, we listened.

Cuattro is proud to introduce the new Cuattro ONE long format Digital Radiography Detector. Critical long format studies can now be completed easily and accurately with one exposure in less than one minute, compared to 15 minutes or more with conventional DR and CR solutions.

ONE exposure. ONE image. ONE minute.



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LONG FORMAT DETECTOR SPECIFICATIONS

Image Sensor:	• TFT: a-Si (Amorphous Silicon)		
X-ray Scintillator:	• Gd2O2S:Tb (Gadolinium Oxysulfide)		
Pixel Pitch:	• 0.14mm (140 μm)		
Field of View:	• 17" x 51"	• 17" x 34"	• 17" x 17"
Active Area: (HxV)	• 430.08mm x 1290.24mm	• 430.08mm x 860.16mm	• 430.08mm x 430.08mm
Active Array:	• 3072 x 9216 pixels	• 3072 x 6144 pixels	• 3072 x 3072 pixels
Effective Area:	• 428.4mm x 1288.0mm	• 428.4mm x 855.4mm	• 428.4mm x 425.6mm
Effective Array:	• 3060 x 9200 pixels	• 3060 x 6110 pixels	• 3060 x 3040 pixels

Grayscale:	• 16 bit
Spatial Resolution:	• 3.5lp/mm
Image Acquisition Time:	• 17" x 51" detector: 6 second image preview 12 second final image
	• 17" x 17" detector: 3.5 second image preview 5.9 second final image
Recommended Cycle Time:	• 17" x 51" detector: 5.8 seconds
	• 17" x 17" detector: 3.7 seconds
X-ray Sync Control:	• AED (Auto Exposure Detection)
Dimensions:	• 1357.0mm x 532.0mm x 30.0mm
Weight:	• 18.5kg
Image Transfer:	• Gigabit Ethernet (1000 BASE-T)

ENVIRONMENT

Item	Operation	Storage/Transport
Temperature:	+10 - +35°C	-15 - +55°C
Humidity:	30 - 85% (non-condensing)	10 - 90% (non-condensing)
Shock:	20G	25G
Vibration:	2G	5G



A smarter direction in Digital Radiography. Better and affordable.

- Cuattro ONE easily accommodates long leg, scoliosis and degenerative spine exams on patients of every size.
- A single exposure utilizing the Cuattro ONE produces a 17" x 51" field of view.
- Cuattro ONE also allows the user to isolate the top, middle or bottom portions of the detector in order to perform 17" x 17" conventional weight bearing studies.
- Cuattro ONE is able to be retrofitted to existing suites or is available as part of an entirely new, fully featured X-ray suite.
- Both portable and permanent wall stands are available for stationary or mobile use.
- Cuattro ONE represents a high quality and innovative design from a leading and respected manufacturer at a very attractive price.

www.cuattro.com | toll free: 800.709.4514

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