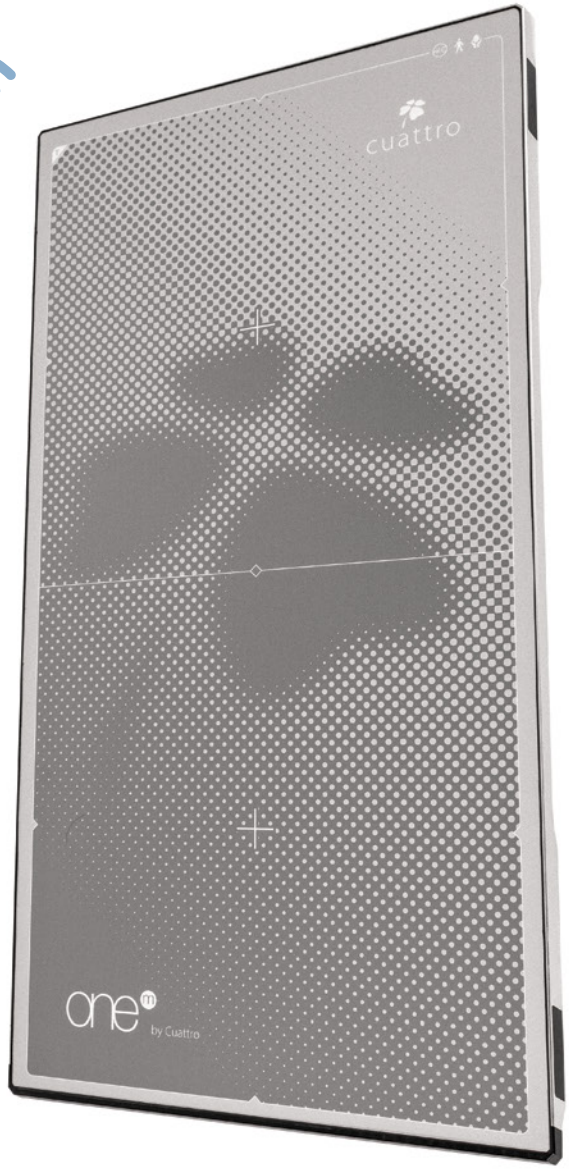

NEW

one m

Large Format
Digital Radiography
by Cuattro

ONE exposure

ONE image

ONE minute

Introducing Cuattro ONE^{m} Large Format Digital Radiography Better. Much Better.

Large format studies have always been challenging and time consuming. Until now. You spoke, we listened. Cuattro is proud to introduce the new Cuattro ONE^{m} large format Digital Radiography Detector. Critical large 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.

Cuattro ONE^{m} is an exciting new 17″ x 34″ full format detector suitable for all large format spinal studies and many long limb studies. For studies requiring a more elongated field of view, the Cuattro ONE^{m} may be combined with qualifying 14″ x 17″ and 17″ x 17″ detectors to create a 50″ single exposure capture length accommodating all long limb studies regardless of patient height. ONE^{m} can be utilized with an easily removable power and data tether or via battery powered operation with wireless data transfer.

one[m] by Cuattro

- Cuattro ONE[m] easily accommodates full spine studies on all patients and many long leg studies (up to 34"). ONE[m] can also be coupled with qualifying 14 x 17 wireless detectors to provide up to 50" field of view for long leg studies as needed.
- A single exposure utilizing the Cuattro ONE[m] produces a 17" x 34" field of view (or 17" x 50" when coupled with qualifying detectors).
- Cuattro ONE[m] also allows the user to isolate the top or bottom portions of the detector in order to perform 17" x 17" conventional weight bearing studies.
- Cuattro ONE[m] can be utilized with an easily removable power and data tether or via battery powered operation with wireless data transfer.
- Optional Wireless Battery Charging is available in select accessories.
- Cuattro ONE[m] 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, mobile, and in suite surgical use.
- Cuattro ONE[m] represents a high quality and innovative design from a leading and respected manufacturer at a very attractive price.

MEDIUM 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 50" *	• 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 50" 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 50" detector: 5.8 seconds • 17" x 17" detector: 3.7 seconds
X-ray Sync Control:	• AED (Auto Exposure Detection)
Dimensions:	• 900 mm × 465 mm × 17.0 mm
Weight:	• 8kg
Image Transfer:	• Wired: Gigabit Ethernet(1000BASE-T) • Wireless: IEEE802.11n/ac(2.4GHz/5GHz)

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

* Utilizing a second qualifying overlapped wireless detector.

A Smarter direction in Digital Radiography… Better. Much better.

www.cuattro.com • toll free: 800.709.4514

© 2022 Cuattro, LLC. All rights reserved. Specifications are subject to change without notice and may vary based on operating conditions. Names of companies or products appearing in this document are trademarks of their respective owners. Cuattro and CuattroDR are trademarks of Cuattro, LLC in the United States and may also be registered trademarks or trademarks in other countries.

21LT1108 Revision 'v.2'

cuattro
imaging the possibilities