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Experience the Cuattro ONE difference!





one m
Large Format
Digital Radiography
By cuattro

Long-format X-ray exams shouldn't slow down your department.

Yet many facilities still rely on CR or stitched DR workflows for full-spine and long-leg imaging-creating unnecessary delays, repeat exposures, and downstream bottlenecks that frustrate patients, technologists, and physicians alike.

Cuattro delivers a single-exposure long-format DR solution designed to remove that friction entirely.

Cuattro offers long-format digital radiography powered by Cuattro ONE technology, engineered specifically for orthopedics, spine, hospitals, urgent care, and log-format imaging first - not retrofitted later.

What changes immediately:

- Full-length (up to 50.5") exams captured in one exposure
- No stitching required
- Final images available in seconds
- Dramatically reduced patient motion and repeat exams.

This is not an incremental improvement. It's a workflow reset.

CR Long Format Exam:



15-25 Minutes

Computed Radiography long format studies are time consuming to complete, making patients and physicians wait far too long for study results.

Conventional DR Long Format



8-12 Minutes

Conventional DR Long Format Exams require up to three separate exposures, increasing patient and staff x-ray dose exposure. Multiple exposures often result in patient motion, necessitating retakes.

Cuattro ONE Long Format



Under 1 minute

Cuattro ONE allows the user to complete full length (50.5") Long Format Exams in less than a minute with a single exposure. This results in lower total x-ray dose exposure to patients and staff.

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- Cuattro ONE™ easily accommodates full spine studies on all patients and many long leg studies (up to 34"). ONEm 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™ produces a 17" x 34" field of view (or 17" x 50" when coupled with qualifying detectors).
- Cuattro ONE™ 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™ 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™ 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™ represents a high quality and innovative design from a leading and respected manufacturer at a very attractive price.

Image Sensor: X-Ray Scintillator:	TFT: a-Si (Amorphous Silicon) Gd2O2S: Tb (Gadolinium Oxysulfide)		
Pixel Pitch:	0.14 mm (140 µm)		
Field of view:	17" x 50"*	17" x 34"*	17" x 17"*
Active Area: (HxV)	430.08 mm x 1290.24 mm	430.08 mm x 860.16 mm	430.08 mm x 430.08 mm
Active Array:	3072 x 9216 pixels	3072 x 6144 pixels	3072 x 3072 pixels
Effective Area:	428.4m x 1288.0mm	428.4 mm x 855.4 mm	428.4 mm x 425.6 mm
Effective Array:	3060 x 9200 pixels	3060 x 6110 pixels	3060 x 3040 pixels
Grayscale:	16 bits		
Spatial Resolution:	3.5 lp/mm		
Image Acquisition Time:	17" x 50" detector	17" x 17" detector	
	6 seconds image preview	3.5 seconds image preview	
	12 seconds final image	5.9 seconds final image	
Grayscale:	16 bits		
Spatial Resolution:	3.5 lp/mm		
Image Acquisition Time:	17" x 50" detector	17" x 17" detector	
	6 seconds image preview	3.5 seconds image preview	
	12 seconds final image	5.9 seconds final image	
Recommended cycle Time:	17" x 50" detector	17" x 17" detector	
	5.8 seconds	3.7 seconds	
X-ray Sync Control:	AED (Auto Exposure Detection)		
Dimensions:	900 mm x 465 mm x 17.0 mm		
Weight:	8 Kg		
Image Transfer	Wired: Gigabit Ethernet (1000BASE -T)		
	Wireless: IEEE802.1 1n/ac (2.4GHz/5GHz)		

*Utilizing a second qualifying overlapped wireless detector.

ENVIRONMENT		
ITEM	**OPERATION**	**STORAGE/TRANSPORT**
Temparature:	+10 - +35 ºC	+15 - +55 ºC
Humidity:	30 - 85% (non condensing)	10 - 90% non condensing
Shock:	20 G	25 G
Vibration	2 G	5 G

A smarter direction in Digital Radiography.

Better. Much Better



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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.

Contact us to learn more about the Cuattro ONE today

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