Experts said that making a wireless detector that surpasses the image quality and performance of our wired 14”x17” detectors might be impossible. Our engineers in Germany and the United States disagreed... so they went ahead and did it. Introducing the all-new Cuattro 14”x17” Ultra-HD, Cesium, wireless, cassette-sized, AED detector. This new wireless wonder is the absolute latest in the art of digital radiography. It is Ultra-HD responsive, with 15 million 100 micron pixels tuned at a full 16 bits of grayscale. It is light, portable, and agile, for enhanced patient and user safety. And because it employs the latest generation of Automatic Exposure Detection (AED) it installs in seconds, without the need to "synchronize" or "re-wire" x-ray devices. This light-weight, super-thin, cassette size detector, easily operates across existing tables, wall-stands, Bucky systems, and mobile generators. Best of all, the new Cuattro 14”x17” Ultra-HD, Cesium, wireless, cassette-sized, AED detector is crafted from the ground up to work natively with Cuattro’s leading multi-frequency image tuning and multi-touch acquisition software. The results are as clear as the images. Better. Much better.
A whole new category of Digital Radiography…

High Definition (HD) CloudDR Digital Radiography is now available exclusively from Cuattro. CloudDR HD delivers detail, resolution, and contrast image quality that is visibly better… much better… than Standard Definition systems.

**14x17” Wireless HD Detector Specifications:**

**Sensor**
- Panel
- Scintillator
- Pixel Matrix
- Pixel Pitch

**Electronics**
- Amplifiers
- ADC
- Image Transfer Time
- On Board Memory

**Mechanical**
- Size
- Active Area
- External Dimensions
- Weight
- Housing

**Communications**
- Status Display
- Wireless Data I/F
- Wired Data I/F
- X-ray I/F

**Imaging Performance**
- Limiting Resolution
- Typical MTF
- Typical DQE

**Environmental**
- Temperature
- Humidity

**Power**
- Battery
- Battery Charger
- Interface & Power Unit

**HD Minimum Standards:**
- Direct Deposition Cesium
- 100 micron pixel size
- HD pixel density. 15 Million
- Full Size Image Area
- Resolution of at least 5 lp/mm
- 16 Bit A/D 16 Bit Grayscale Native
- 16 Bit Multi-Frequency Tuning

**CloudDR™ HD Added Benefits:**
- AED - Auto Exposure Detection
- Cassette Sized Form Factor
- Windows 8 Embedded - 64 bit OS
- Multi-Touch User Interface
- Cloud Based PACS Connectivity
- 5 yr. Warranty/Drop Protection (optional)
- Software Upgrades and Updates
- 24/7 Live Technical Support

**Battery charger and high-capacity Battery**
- Lithium-polymer battery
- 2 hour full recharge
- 4 hour battery operation
- Two batteries included
- Additional batteries optional

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

med.cuattro.com  •  800.709.4514

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