

CUATTRO TACTICAL MEDICAL SYSTEM

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

Cuattro Tactical Medical: The intuitive ultra-portable digital radiography system designed by Cuattro with Medics, for Medics. Featuring a truly groundbreaking, best-in-class 99-micron, native 16-bit glass-free X-ray detector platform and a rugged 13.3 in. sunlight readable tablet, this system is your go-to solution for any Tactical Medical application requiring rapid, accurate diagnostics in the field.

Built for Role 1, Role 2, Role 3, and forward surgical environments, the system delivers life-saving imaging in seconds with true portability and minimal setup. The battery-powered generator platform enables deployment anywhere, while maintaining full diagnostic image quality.

The system supports multiple detector configurations including 10 in. x 12 in., 14 in. x 17 in., or 17 in. x 17 in. packages, allowing teams to tailor the platform based on mission requirements. Wireless capability enables fast acquisition and transfer, while onboard detector storage allows for image capture even when the tablet is offline or unavailable.

Cuattro provides a comprehensive 1-year warranty that includes full coverage against defects in materials and workmanship, integrated software support, and access to 24/7/365 U.S.-based Customer Support with Co-Pilot remote assistance for real-time diagnostics, evaluation, resolution of any warranty or service needs, Remote Hardware Monitoring, Advanced Loaner Program (detectors and workstations) and a 99% uptime guarantee.

FEATURES/SPECIFICATIONS

- Glass-Free detector panels: All US and Allied production sourcing
- Rugged, Waterproof, IP67 Rated: Built to operate in rain, dust, and debris without failure
- High-Definition Imaging: 99-micron resolution, 16-bit dynamic range - see what others miss
- Offline Capture Mode: Capture images without a tablet or network, then auto-sync later
- Single Exposure Acquisition: Reduces number of retakes due to patented AED algorithms
- Ultra-Stable Wireless: Cuattro SafeSignal™ ensures reliable image transfer in hostile RF environments
- System comes in three different Wireless Detector configurations: 10 in. x 12 in., 14 in. x 17 in., and 17 in. x 17 in.
- Dual FDA + Security Advantage
- FDA-Cleared: Cuattro systems meet full medical imaging compliance for human diagnostics
 - » Security-Grade Durability: Ruggedized to function in extreme heat, dust, vibration, and threat environments
 - » One System, Two Missions: The only platform designed to meet both combat medical and counter-threat requirements
 - » All items are CE marked for the international market
- Life-saving Imaging in minutes
 - » Instant Digital Diagnostics: High-res X-rays in under 3 seconds
 - » True Portability: Lightweight, battery-powered systems that travel anywhere your med team goes
 - » Intelligent Auto-Exposure: Eliminates guesswork, improves clarity, reduces radiation dose
- One System, Multiple Roles: Use the same platform in Role 1, Role 2, Role 3 environments



Learn more about this and other Products with a Mission® at www.NARescue.com



*** All Cuattro Wireless Detectors feature 99-micron resolution, 16-bit imaging, flexible glass-free substrate, Cesium scintillator, and include cradle docking charger with wireless connectivity**

Cuattro Tactical Medical Systems can switch between wireless and wired use**
****Accessory may be required**



CUATTRO TACTICAL MEDICAL SYSTEM

ITEM #	OPTION	NSN
20-0139	10 in. x 12 in.	----
20-0140	14 in. x 17 in.	----
20-0141	17 in. x 17 in.	----

* Explore other Cuattro products at www.NARescue.com



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10 IN. X 12 IN. / 14 IN. X 17 IN. / 17 IN. X 17 IN. WIRELESS DETECTOR SPECS:

- Detector TFT Type:.....a-Si Flexible Non-glass TFT
- Scintillator:.....Flexible CsI (Cesium)
- Pixel Pitch:.....99 micron
- Spatial Resolution:5.0 lp/mm
- Grayscale:.....16 bits
- Image Preview:2 seconds
- Water/Dust Rating:.....IP67
- Image Size:
 - » 10 in. x 12 in.10 in. x 12 in.
 - » 14 in. x 17 in.14 in. x 17 in.
 - » 17 in. x 17 in.17 in. x 17 in.
- Image Acquisition:
 - » 10 in. x 12 in.3 seconds
 - » 14 in. x 17 in.4 seconds
 - » 17 in. x 17 in.4.5 seconds
- External Dimensions:
 - » 10 in. x 12 in.11.12 in. x 13.12 in. x 0.59 in.
 - » 14 in. x 17 in.15.12 in. x 18.11 in. x 0.59 in.
 - » 17 in. x 17 in.18.11 in. x 18.11 in. x 0.59 in.
- Weight:
 - » 10 in. x 12 in.3.75 lb (1 battery)
 - » 14 in. x 17 in.5.73 lb (2 batteries)
 - » 17 in. x 17 in.6.94 lb (2 batteries)
- Batteries: *Please note that each Tactical Medical System variant includes a secondary set of backup batteries. 1 extra for the 10 in. x 12 in., and 2 extra for the 14 in. x 17 in. and 17 in. x 17 in.*
 - » Standby~8h (1 battery)
 -~16h (2 batteries)
 - » 10 in. x 12 in.1 Battery Slot
 - » 14 in. x 17 in.2 Battery Slots
 - » 17 in. x 17 in.2 Battery Slots
- AED (Auto Exposure Control) — Zero EMI Optical trigger
- Dead Space Margins — 0.11" on two sides(Bezel thickness)
- Other Features — Accelerometer, Auto-orientation

CUATTRO TACTICAL MEDICAL SOFTWARE FEATURES:

- Simple, clean, and intuitive two screen workflow: (Work list and Acquire/Review screen)
- Multi-touch or keyboard interface with touch gesture and animated sliding transparencies
- Integration with Electronic Medical Record Systems (EMS) with full MWL, MPPS integrations with RIS/HIS providers
- Embedded Help Functions via Cuattro US-based CoPilot Remote-in capabilities for immediate support services
- Multiple automated exports that can be user configured with a single touch of a button
- Complete integration of dose area product meters (DAP) with all readings recorded for export as well as embedded in DICOM image tags
- Rejection analysis with user customization of reports
- Embedded Operating System for network safe environments
- EC compliant with Standardized EI/ DI Feedback Features

SYSTEM CONTENTS

- Wireless flat-panel detector — glass-free 10 in. x 12 in. active area, 99-micron pixel pitch, with hot-swappable batteries for continuous operation
- CuattroDR medical imaging software installed on a ruggedized tablet
- Battery-powered portable X-ray source

Delivered with transport cases, battery chargers, spare batteries, power supplies, interconnect cables, and accessories. Incorporates FDA-cleared imaging devices each cleared under its respective manufacturer's 510(k) and retaining its individual labeling.

OPTIONAL: Medical Stands (sold separately) are available for the Cuattro TM Generator, with gas spring arm for easy positioning and transport.



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