



# cuattro SafeSignal

**Secure System Control**  
Cut through the noise with SafeSignal...  
the only choice when data **integrity**  
**range**, and **security** are critical.

NEW

wireless  
(node-to-node)

≈ **0.5 mi range** (800 m)



## NEW Cuattro SafeSignal™

### Signaling the End of Bluetooth and Wi-Fi in Mission-Critical Systems...

Cuattro SafeSignal is the next-generation wireless communication platform designed for the world's most demanding environments - where lives, national security, and data integrity are on the line. Made in the USA, Cuattro SafeSignal is a proprietary, long-range image transmission system that eliminates the instability, security risks, and environmental limitations of Bluetooth and Wi-Fi. Whether you're sweeping a building, saving a life under fire, inspecting industrial infrastructure, or capturing high-resolution diagnostic images in a hospital, SafeSignal delivers unmatched reliability, security, and speed to fundamentally enhance the capabilities of your digital x-ray systems.

## The New Comms Standard:

- **Robust Long Distance Signal**  
Best-in-class quick node-to-node communication up to ≈ 1/2 mile (800 m) range.
- **Immune to Noise and Interference**  
Performs flawlessly in RF-saturated zones where Bluetooth and Wi-Fi collapse.
- **Ditch the Bulky Control Boxes**  
SafeSignal supports both advanced wireless and full wired control of Cuattro x-ray systems.
- **Failsafe Security**  
Built-in DES or AES128/256 encryption with IAS (Interference Avoidance Scheme).
- **Modular and Mesh Compatible Network**  
Supports up to 15 nodes per network and seamlessly integrates with other mobile ad hoc networks, delivering unmatched range and signal reliability.

Scan code with smart phone for demo video



800.709.4514  
www.cuattro.com



  
cuattro

**Made for the Field.**  
**Made for the Future.**  
**Made for You.**



Cuattro SafeSignal™ is made in the USA to be the trusted professional solution for those who do not compromise.

### **Upgrade to the latest technology...**

Bluetooth and WiFi are limited in range, security and stability. They were never designed for field applications. In situations where failure is not an option, stop relying on consumer-grade wireless technologies.

### **Instant Compatibility with Common Communication Systems...**

Cuattro SafeSignal enables seamless native integration into most mobile ad hoc networks (MANETs) used by elite military, law enforcement, and tactical teams worldwide. Whether mounted to a rover, drone, manpack, or fixed post, SafeSignal is the new standard for secure, mobile image transmission in dynamic field environments.

- **Plug-and-Play Integration**

No drivers, no patch kits. Just connect and transmit.

- **Auto-Mesh Discovery**

SafeSignal devices are immediately recognized and routed across existing communication systems.

- **Optimized for Mobility**

Maintains full bandwidth, image integrity, and security whether stationary or on the move.

- **Reliable and Robust - like those using them...**

Utilizing readily available USB-C rechargeable batteries (~5 hr life), swappable mounting options, gooseneck antennas and a meticulously designed casing, these units are made to last and never fail.



## **Designed for the Most Demanding Use Cases**

### **SECURITY + DEFENSE**

- Real-time wireless transmission from x-ray inspection, bomb squads, entry teams, and border infrastructure surveillance
- Mesh capabilities excel in crowded urban environments where long range is needed but buildings, walls, and multiple levels can get in the way
- Functions as an additional node within larger communication systems, enabling transmission and integration with components such as audio, video, and drone control systems
- No signal leakage, no downtime., no data loss

### **TACTICAL MEDICAL (TacMed)**

- Enables forward surgical teams, field hospitals, and medevac units to instantly transmit diagnostic-quality images
- Works in chaotic, resource-limited, & RF-congested environments
- Lightweight, rugged, battery-efficient

### **NON-DESTRUCTIVE TESTING (NDT)**

- Oil & gas, aerospace, and infrastructure inspection workflows
- Works in enclosed tanks, ship hulls, offshore rigs - places where Bluetooth and Wi-Fi simply cannot
- Maintains image quality and detector performance at long range with zero interference

### **PORTABLE MEDICAL IMAGING (FDA)**

- Integrated into Cuattro's FDA-cleared imaging platforms
- Compliant with medical safety and data standards - HIPAA-ready



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