

**EMS**  
Electronic Monitoring  
SYSTEMS

# ReliAlert™XC4

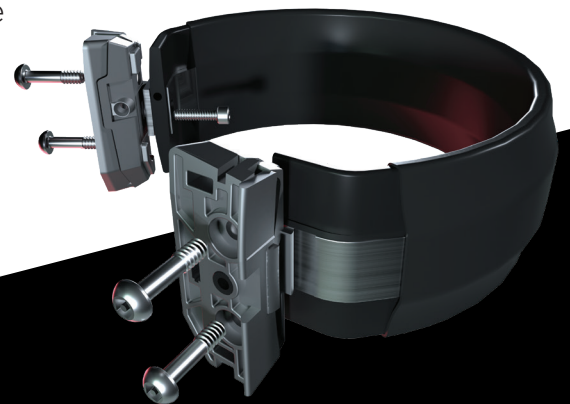
by TRACK GROUP



The safest  
and most reliable  
monitoring device  
ever made.

ReliAlert™XC4 is the only one-piece GPS device with **patented 3-way voice communication** to assist intervention efforts, now on the LTE network with increased battery life.

Track Group's patented **SecureCuff™** helps address the critical "strap cut" issue so prevalent in juveniles and high-risk adult offenders. It significantly reduces the number of officer response hours attempting to locate offenders who have absconded and is not offered by any other manufacturer.



Introducing ReliAlert™XC4 and SecureCuff™  
See it at [trackgrp.com](http://trackgrp.com)  
[trackgrp.com/patents](http://trackgrp.com/patents)

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# Technical Specifications

## RELIALERT™XC4 SPECIFICATIONS

- **LTE:** 4G mobile communication technology
- **GPS Operation:** updates location and assesses compliance every 2 seconds
- **GPS Accuracy:** 6.5ft (2.0m) in optimal conditions; within 50ft (15m) under normal operating conditions
- **GPS Anti-Jamming:** advanced, adaptive digital filtering (25 db improvement over conventional GPS receiver)
- **On-Board Processing:** zones and curfews stored on-device are assessed for compliance every 2 seconds
- **Secondary Locationing Technology:** cellular triangulation utilized automatically when GPS is unavailable
- **Battery Life:** Nearly 3 days of battery life at 1 minute tracking and reporting intervals with up to 2 weeks of backup power in sleep mode
- **Sleep Mode:** Designed to extend monitoring capabilities by entering a low-power state when device charging has been neglected
- **Charging:** Standard chorded AC charging or mobile on-body charging capabilities
- **On-Board Voice Communication:** two/three-way, live voice communication available at any time
- **Siren:** 95 db, activated via software by Monitoring Center or agency users
- **Memory Storage:** approximately 18 days at one-minute tracking and reporting intervals
- **Multiple Monitoring Levels:** available via the software - no equipment change required
- **Tracking/Reporting Interval:** configurable to one or five minutes
- **Embedded RF Technology:** works in conjunction with RF Beacon
- **Alerts:** voice, siren, LED, vibration, audio tones
- **Anti-Tamper Capability:** strap and case tamper technology
- **Standard Strap:** pre-sized and cut-resistant with fiber-optics for tamper detection
- **SecureCuff™:** extremely cut-resistant with encased hardened steel band and fiber-optics for tamper detection
- **Waterproof:** IP68 Certified to 20ft (6m)
- **Operating Temperatures:** -4 to +140 F (-20 to +60 C)
- **Cellular:** 4G LTE with 3G/2G fallback (Verizon/ATT), able to transmit data and SMS during voice calls



## Advanced Features Include

### TWO/THREE-WAY VOICE COMMUNICATION

allows Track Group operators and agency officers to call the offender via the ReliAlert™XC4 device at any time - providing real-time violation intervention and reducing the effort spent by officers attempting to communicate with offenders.

### ONBOARD 95-db SIREN

is a unique feature on the ReliAlert™XC4 device that can be activated by the Track Group Monitoring Center as part of a violation protocol. The siren alerts victims and the public to an offender violation, helps safely assist officers with offender recovery and improves public safety.

### SECURECUFF™

is an optional, patent-pending, hardened steel encased security cuff for high-risk offenders. The SecureCuff™ provides valuable, extra response time for officers when offenders are attempting to abscond. When used in conjunction with live voice intervention, ReliAlert™XC4 becomes the premier GPS solution for monitoring challenging offender populations.



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