

PERSONAL PROTECTION AND LOCATION



amanTag®

Personal Protection and Real Time Location Systems

Protection and location for staff, patients and newborns

amanTag® is a Real Time Location System (RTLS) for protection of patients with cognitive disabilities (SeniorGuard®) and newborns (BabyGuard®). amanTag® provides hands free access control along with staff, assets (keys, equipment) and patient location. Use of active transponders triggers a location signal which then activates an alarm or unlocks a door. Advanced dual-frequency technology overcomes body or structural RF shielding for high reliability in sensitive applications.

The amanTag® Basic can be used in a wide variety of applications and products. The amanTag® Fitting is well suited for permanent resident facilities. The loxxIn® System controls the computer screen to prevent inadvertent viewing of patient data in HIPPA compliance.

Use of amanTag® in treatment facilities can prevent inadvertent activation of powerful devices with others present. The loxxOpen® System only releases when the area is safe.

- ✓ Reliable dual-frequency technology
- ✓ Patient protection with loxxIn® system
- ✓ Long transponder battery life
- ✓ Location and protection of personnel, assets and patients

Technology

LCA 500 LT Locator

The amanTag® LCA 500 LT Provides location information on all amanTag® transponders at an adjustable distance of up to 16 feet. The locator can also release doors or trigger an alarm. Optionally a beeper and LEDs can indicate the status of the locator and acknowledge the detection of a transponder. The locator can be programmed with multiple action profiles to automatically activate predetermined actions based on transponder type.

- ✓ Programmable actions on location
- ✓ Reliable transponder detection
- ✓ Read range up to 16 feet



Transponder

Patients

The amanTag® patient ID family are active patient-worn transponders available in multiple design and work on the wrist. UTA 1 includes a button for emergency call reset. The BTA 1 is specific for newborns—place in a diaper pouch. All transponders have high reliability dual-frequency technology and very long battery life.

- ✓ Multiple designs
- ✓ Reliable performance even with body blocking



Staff and Physical Assets

The amanTag® staff and asset ID family are active staff-worn or asset-attached transponders which can also trigger staff-initiated actions with optional buttons including an emergency alarm with an indoor range of up to 80 feet. The ATA 1 can also be attached to critical assets (keys, emergency equipment, etc.) for location information.

- ✓ Optional staff action buttons



Reliable Detection

Dual-frequency technology and bidirectional communication provide accurate and reliable detection of the active transponders independent of how worn. Reliable detection through textiles, walls and the human body.

- ✓ High reliability detection.



Multiple Simultaneous Detection

Multiple transponders can be simultaneously detected where multi-person applications (mother/newborn) require. Unique anti-collision technology enables high reliability in multiple transponder applications up to 16 simultaneous detections.

- ✓ Reliable detection of multiple transponders.



Directional Detection

With two locators, direction of movement can be determined and reported; reliability determining whether a person or asset is coming or going. This also provides for an accurate number of personnel in a specific area.

- ✓ Directional detection

Expandable

Multiple locators can be combined in a system, expanding the coverage area. Overlap of the wake-up fields is possible in this configuration for RTLS coverage of large areas.

- ✓ Adjustable to large areas



Call Button Option

The optional call button can summon help outside the trigger range of the locator(s).

- ✓ Optional call button for assistance calls



Application – BabyGuard®

Monitoring and Protection for Newborns

Reliable protection against kidnapping and substitution of babies. babyGuard® enhances care obligations by assuring baby location and correction mother-child pairing.

The overall baby monitoring system provides smooth integration into the duty station. The linking of mother and baby transponders provide perfect security, alerting nursing staff and minimizing risk of incidents.

- ✓ Critical and clear mother-child connection



Application – SeniorGuard®

Location Protection for Cognitively Challenged

The humane and safe care of dementia patients is a challenge. Facilities must try to balance quality of life and protection from danger. Avoiding unsupervised departure is an important part of that responsibility.

The wandering patient system SeniorGuard® is optimized for this application. The system without physical barriers, which can be upsetting, and establishes monitoring movement zones within which patients can move freely. If a patient leaves the safe zone, an alarm is triggered, informing competent care personnel.

- ✓ Departure protection for residents with cognitive impairment.
- ✓ Relieving nurses; improving procedures
- ✓ Alarms when residents depart protection zones
- ✓ Location in real time



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Technology can help overburdened nursing and care staff and contribute to patient care and safety. Modern patient protection systems enhance patient welfare while reducing the burden on staff.

Unattended departures can be quickly detected and correctly with minimal patient upset.



Application – Access Control for the Disabled

RHA 2 amanTag® Read Head

The RHA 2 read head sets a new hands-free standard for hands-free credentialling in access control. Attached to any doorLoxx® lock, it combines 125 KHz credential and amanTag transponder identification in a single unique device.

Particularly powerful for use in care facilities, as soon as a patient wearing a transponder touches the door handle, the door is unlocked. Inconspicuous functioning ensures maximum comfort and provides additional quality of life and stress reduction.

The amanTag® read head is suitable for patients who reside in single rooms, providing added value and comfort—minimizing confusion and supporting independent while preserving privacy.

Staff remain flexible with either their amanTag® transponder or a standard 125 KHz credential.

- ✓ Active transponder and passive 125 KHz in one compact read head.
- ✓ Automatic door lock and opening without conscious presentation of a credential.
- ✓ Can be adapted for any hands-free credentialling application.

