

amanTag®

People safety and asset protection systems

With the amanTag it is possible to identify and locate people and objects. For this purpose, personnel carry a transponder or a transponder is affixed to the object. This active transponder is detected by long range readers in real time. That makes it possible to determine where the transponder or more precisely the person or object is located. amanTag protects personnel in security critical environments such as in banks or public buildings, patients and babies in hospitals as well as valuable paintings in museums. It is possible to install the system to operate autonomously or it can also be integrated with other systems, such as CCTV.

Watch transponder

The UTA transponder is a major component in the amanTag Human Protection System. It can be used as a standalone device, or in a network. When it enters the transmit field of a transceiver the transponder is activated and sends the transceiver ID together with its own transponder identifier to the corresponding transceiver (combined transmitter and receiver). When the device is used as a dementia transponder, an alarm is triggered immediately if an associated companion/mother transponder is not simultaneously present in the same detection field; the alarm is switched through the built-in isolated contact in the transceiver or forwarded to a third-party system via an interface. The transponder is designed to be worn on the wrist mounted on a watch strap. Available with or without a watch face sticker.

Your benefits at a glance:

- **Easy to set up**
- **Bidirectional communication**
- **Alarm signal to LCA 500 / 700 for low battery level**
- **Customer can replace the battery**
- **May be used as a dementia, companion or mother transponder, or as a dementia transponder with watch face sticker**
- **Comfortable to wear**



UTA 2



UTA 3

Technical data

Dimensions WxHxD / weight:	53 x 40 x 15 mm / 30 g
Material:	ASA
Protection class:	IP 66
Colour:	Grey
Operating temperature:	+5...+50°C
Power requirement:	1x CR2450 battery
Frequencies:	
Wake-up frequency:	125 kHz
Working frequency:	868 MHz (EU) 916-921 MHz (US)
Transmission range:	Up to 25 m
Battery life:	Up to 3 years