

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.

Asset transponder

The ATA 1 transponder is a major component in the amanTag asset protection system. 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. The transceivers can be connected to third party systems to trigger alarms and other actions when transponders are identified.

The whole amanTag system can work standalone or fully integrated into a bigger system.

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**
- **Can be easily attached to an asset**



ATA 1

Technical data

Dimensions WxHxD / weight:	43 x 71 x 16 mm
Material:	ASA
Protection class:	IP 44
Colour:	black
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)
Wake-up range:	Up to 7m
Transmission range:	Up to 25 m
Battery life:	Up to 3 years