

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.

Locator with transceiver

The locator LCA 500 M is a major component in the amanTag Human and Asset-Protection System. It simultaneously receives and processes the signals from the amanTag Transponders. It transmits a constant wake-up signal with a location code to a range of up to 5 m.

An 868 MHz transceiver is integrated for bidirectional communication with the transponders. The locator LCA 500 M is able to operate as a standalone device or online. The LCA 500 S extends the wake-up field of the location code by up to 5 m synchronously with the LCA 500 M, should you wish to extend the wake-up range (locator field).

Your benefits at a glance:

- **Easy installation**
- **Bidirectional communication**
- **Wake-up field extension possible with the LCA 500 S or LCA 700 S.**
- **Standalone and online operation**
- **Modern, compact construction**
- **Multiple devices can be combined**



Technical data

Dimensions ØxH:	170 x 45 mm
Material:	ASA
Protection class:	IP40
Operating temperature:	+5...+50°C
Relative humidity:	5...95%, non-condensing
Power requirement:	24 VDC / 1 A
Frequencies:	
Wake-up frequency:	125 kHz
Working frequency:	868 MHz (EU) 916-921 MHz (US)
Wake-up range:	Up to 5 m
Interfaces:	RS485 1x TCP/IP (optional)
Switching outputs/inputs:	1x input 2x isolated relay outputs, 30 VDC / 1 A