

tranSpeed®

deister electronic has developed a complete solution for the automatic identification of vehicles and other objects. The tranSpeed family includes all system components: tags, readers, controllers, software and all necessary accessories. The tranSpeed products offer long range contactless identification using the latest UHF technology for maximum speed and read range. Optionally, use in special shielded vehicles is possible. tranSpeed is ideal for the management of car parks, the identification of buses, trains and trams as well as container tracking and logistics.



Active Long Range Reader

The TAL 700 M is part of an active transponder system. It continuously transmits a 125 kHz coded signal and activates the TPA transponders within a range of up to 7 m (23 ft.). The transponder frequency is 433 MHz.

The TAL 700 M can be operated stand-alone or online. Due to its compact design, it can be simply interfaced and integrated into the existing architecture of a building.

Your Benefits at a Glance:

- **Secure data transfer**
- **Seamless interfacing with ACS**
- **High penetration rate through vehicle shielding**
- **Wake up range up to 7m (23 ft.)**
- **Low frequency operation**

Technical Data

Dimensions BxHxT:	300 x 300 x 28 mm (11.8 x 11.8 x 1.1 inch)
Material:	ASA
Protection Class:	IP40 IP65 (optionally)
Color:	grey
Operating Temperature:	+5...+50 °C (41 ... 122 °F)
Relative Humidity:	5...95 %, non-condensing
Power Requirement:	12...24 VDC / 1A
Frequencies:	125 kHz & 433 MHz
Wake Up Range:	up to 7 m (up to 23 ft.)
Interface:	2x RS485
Switching outputs / inputs:	1x Input 2x potential-free relay outputs, 30 VDC / 1A