

DATCOM TRASS

Transporter
SecuritySystem



DATCOM protelematik TRASS

DATCOM protelematik TRASS - TransporterSecuritySystem is the radio security system for the Cash in Transit transport sector. It enables the automatic activation of the vehicle in a secured area. The system consists mainly of two components: a permanently installed transmitter in the security area and one receiver per vehicle.

Since the permanently installed transmitter transmits only in the security area (a few meters), an automatic activation outside the security area is prevented. A combination with a light barrier system allows an even greater limitation of the release area. The vehicle is unlocked by the security staff when it is in the security area, at the push of a button of the TRASS control panel in the vehicle. If the vehicle moves away from the safety area and thus from the transmission area, the receiver in the vehicle switches off and the signal for automatic activation is withdrawn. The vehicle will now be returned to normal operating mode. The activation signal can easily be reset by pressing the TRASS control panel again.

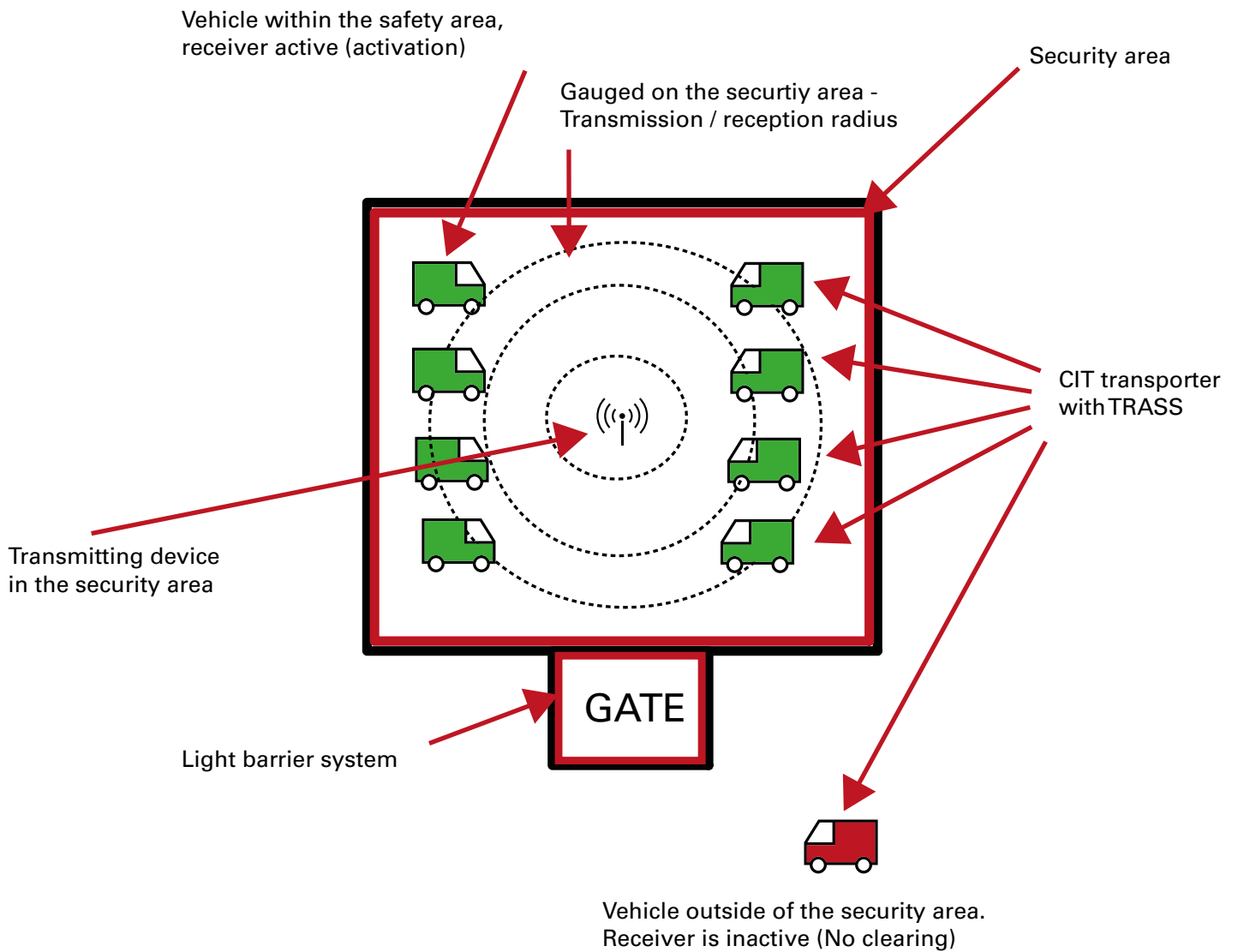
VORTEILE

- ✓ SHORTER STOPTIMES
- ✓ DISCHARGE OF CONTROL CENTER
- ✓ INDEPENDENT OF MOBILE NETWORK
- ✓ INDEPENDENT OF GPS RECEPTION
- ✓ OVER 400 SYSTEMS IN USE
- ✓ RECOMMENDED BY BDGW
- ✓ FIRMWARE OF TRANSMITTER AND RECEIVER UPDATABLE
- ✓ AFTER EMV TEST OF KBA ACCEPTED
- ✓ INSTALLED IN MOST BRANCHES OF FEDERAL BANK

 **DATCOM**
protelematik
Your way of fleet communication



Application example for TRASS



Specifications



	Transmitter	Receiver
Receiving frequency range:	433,05 ... 434,87 MHz	433,05 ... 434,87 MHz
Modulation:	GFSK	GFSK
Channel:	0 = 433,19 MHz 5 = 433,96 MHz 1 = 433,34 MHz 6 = 434,11 MHz 2 = 433,50 MHz 7 = 434,27 MHz 3 = 433,65 MHz 8 = 434,42 MHz 4 = 433,80 MHz 9 = 434,57 MHz	0 = 433,19 MHz 5 = 433,96 MHz 1 = 433,34 MHz 6 = 434,11 MHz 2 = 433,50 MHz 7 = 434,27 MHz 3 = 433,65 MHz 8 = 434,42 MHz 4 = 433,80 MHz 9 = 434,57 MHz
Reception sensitivity:	-104 dBm typ.	-104 dBm typ.
Transmission power:	-8 bis +10 dBm (= 0.16 bis 10 mW, manufacturer information)	
Antenna impedance:	50 Ohm	50 Ohm
Antenna type:	short rod (helix)	glass adhesive antenna
Antenna connector:	SMA-connector or soldered connection	SMA-connector, screw top
Operating voltage:	230V~ ±10%,	with 7,5 - 30 V direct voltage typ., absolute
Power consumption:	max. 1 W	
Current consumption:		limiting values : min. 7,0 V, max. 30 V active: 40 mA typ., standby: 18 mA typ. 2 A slow (load circuit), 250 mA slow (circuit), type: little fuse, soldered
Fuses:	fuse 32 mA	
Emergency power supply:	lithium battery 3V	
Operating temperature:	-20 ° C ... +70 ° C	-20 ° C ... +70 ° C
Housing:	plastic material	metal, IP40, black (RAL9005)
Dimensions incl. antenna (mm):	h: 130, w: 130, d: 75	h: 30, w: 114, d: 60
Connection:	screw terminal for 230V~ connection, screw terminal for optional light barrier and extern On-/ Off-switch, cable fairlead with cable gland	8 pol. Microfit connector (2 x 4 pol.) for the connection between +7,0 V to 30 V and GND, as well as switching output.

APPLICATIONS

A selection of our applications at a glance. For details please feel free to contact us.



VEHICLE TRACKING / VEHICLE SECURITY

With our system solutions for vehicle tracking and vehicle security you will have at anytime an overview on your fleet and your goods.



PEOPLE TRACKING

With the mobile DATCOM protelematik telematic-solution, you can quickly and easily increase the security for persons, your employees, vehicles and objects.



OBJECT TRACKING & TRAILER TRACKING

Trailers, containers and swap bodies stand-alone or in conjunction with the towing vehicle to protect and to prevent from theft.

Industry-specific telematic-solutions for your requirements

DATCOM protelematik offers powerful telematics solutions for nearly every industry and area. Take advantage of our long experience and our comprehensive know-how for your business.

**Convince yourself and ask for our software-trial:
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