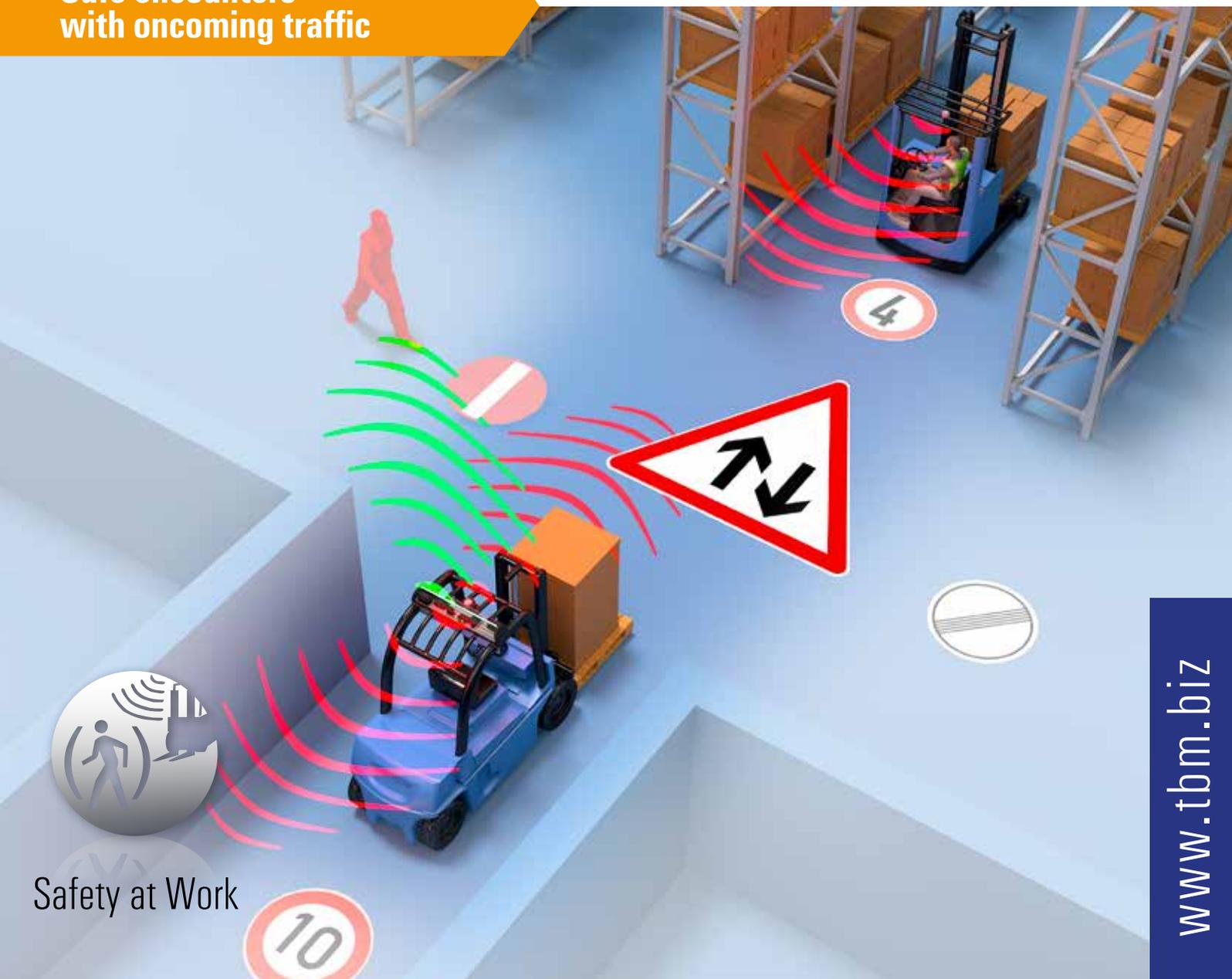


NoColl Collision Protection

NoColl Dome V3

Safe encounters
with oncoming traffic



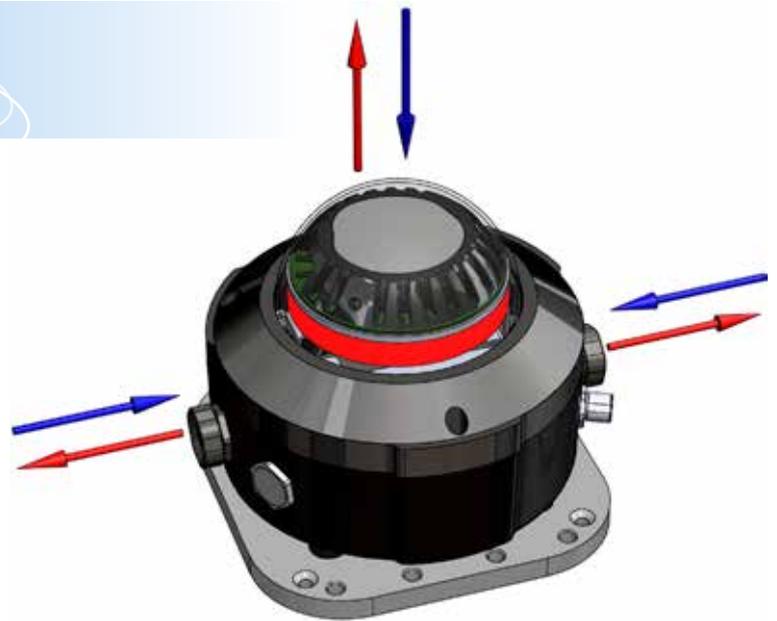
Safety at Work

NoColl Dome V3

The NoColl Dome V3 is the innovative further development of the NoColl technology, which has ensured safety in intra-logistics for 15 years.

It features the technology for Logistics 4.0. Powerful, flexible and compact. It is the driver assistance system designed for logistics safety according to ASR 1.8.

It can be installed on both new and existing industrial trucks of all manufacturers.



High performance in 3 dimensions

The Dome V3 integrates three fully functional NoColl sensors. It communicates **vertically** with the NoColl sensors on the traffic route and at danger spots + **horizontally** with other vehicles driving on the traffic route.

The communication is based on encoded IR technology and comprises 256 codes. It replaces a fully equipped DAS spoiler and fulfils complex functions.

Area of use

Encounters with oncoming traffic on traffic routes

Speed is reduced only for a brief time during the encounter to ensure the required safety.

Optionally

- only in wide aisles or
- on all traffic routes.

This significantly increases safety for a hardly noticeable loss in time. Thanks to direction-dependent intelligence, the vehicles driving behind are not affected.

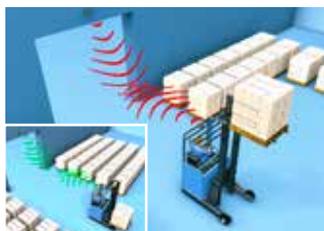


+ Zone and area-specific safety

The Dome V3 naturally complies with all zone- and area-specific speed reductions, such as e.g.



in passageways

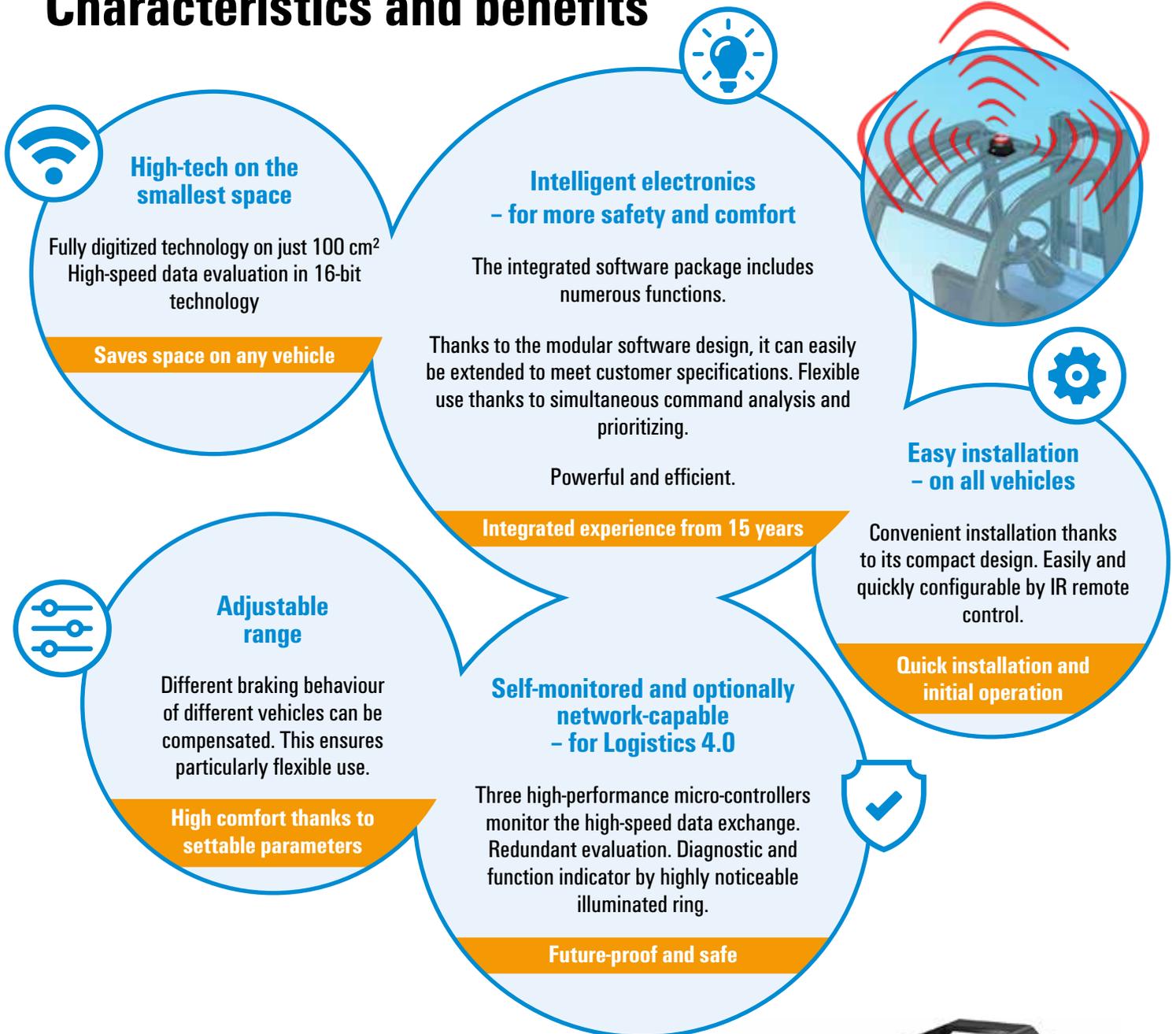


at gates (lifting height control)



zone-specific speed on traffic routes

Characteristics and benefits



Practical protective dome

A protective cage made of a 3 mm thick steel plate protects the Dome V3 from damage, e.g. at passageways with strip curtains – without impairing the transmission power. It can therefore also be used in particularly tough storage conditions.



**The dome for all purposes:
small – compact – multifunctional**

Technical specifications

NoColl Dome V3	
Operating voltage:	24 VDC \pm 10%
Operating current:	max. 0.2 A
Heater:	10 W temperature-controlled, range adjustable, suitable for deep-freezing areas
Operating temperature:	-40°C ... +65°C
Carrier medium:	Infrared light, modulated
Propagation:	X- and Z-axis
Wavelength:	880 nm, PCM
Range (indoors):	6-15 m adjustable
Angle of radiation, Z-axis:	$\pm 22^\circ / \pm 45^\circ$ adjustable
Angle of radiation, X-axis:	$\pm 22^\circ$
Inputs:	4 inputs 10-28 VDC
Outputs:	4 outputs 24 VDC / 100 mA
Switch outputs:	potential-free 2 relay switch outputs: 48 VDC / max. 0.5 A
Enclosure:	IP 66
MTTFd:	15 years (calculation based on SN29500 part 1-15. Calculation acc. to ISO 13849, Annex D.)
Housing:	Aluminium, black (RAL 9011), transparent dome made of PC
Dimensions:	(\emptyset x H) 154 x 128 mm
Type of assembly:	Screw assembly
Weight:	0.9 kg

tbm awards



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