

## TagMaster Application guide: Identification of Trucks and Buses

# Identification of Heavy Vehicles

## Truck & Bus Identification

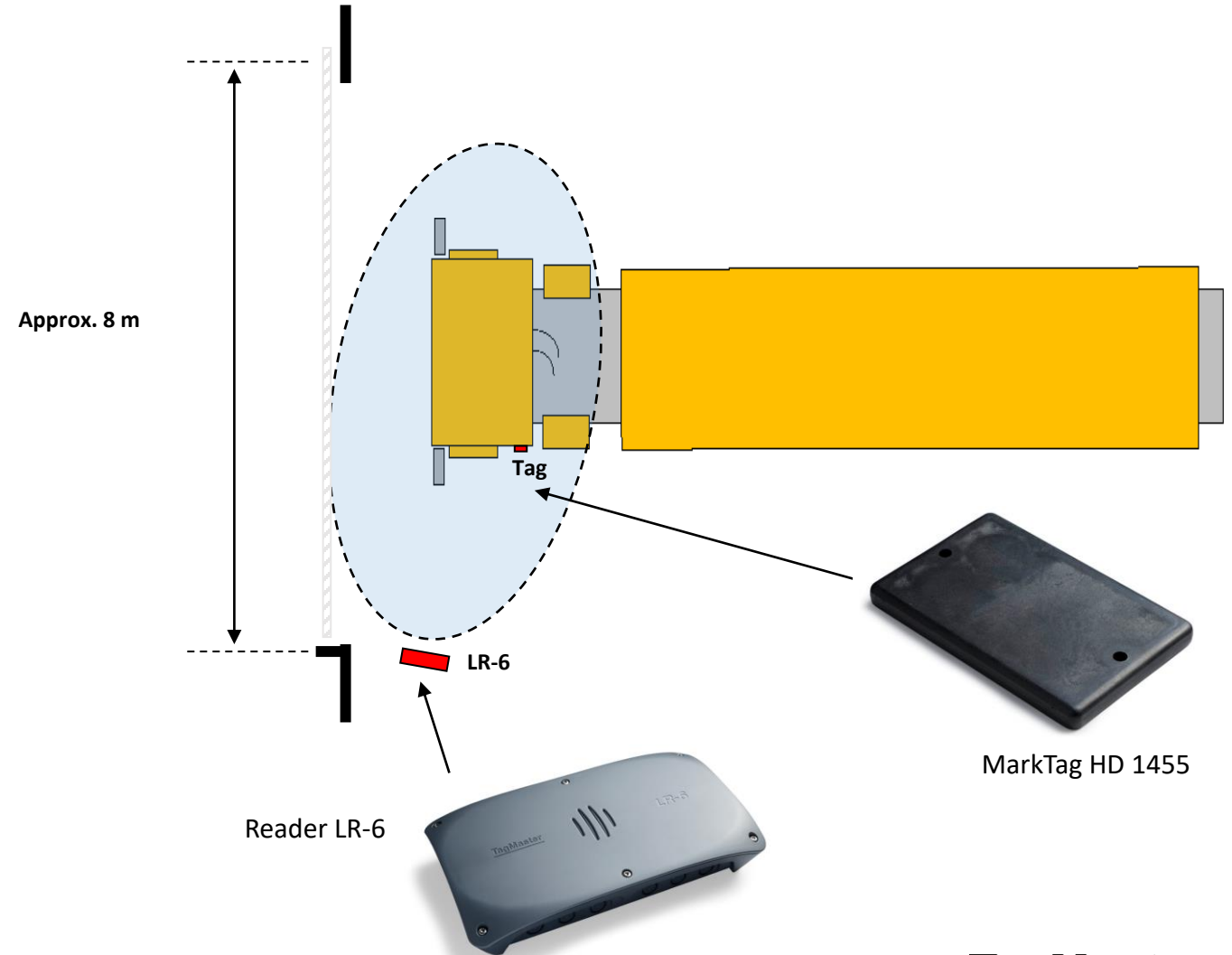
### Recommendations:

Reader : [LR-6](#)

Tag : [MarkTag HD](#), mounted directly on side of the truck cabin.

#### Reader location & orientation:

Installation on a pole at vehicle roof height (i.e. 3m), approx. 1m before the gate/barrier. Orientation approx.  $10^{\circ}$  -  $30^{\circ}$  towards the ground, pointing at an angle of approx.  $70^{\circ}$  towards the vehicle's path.



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# Identification of Heavy Vehicles

## Truck & Bus Identification Wide Lane

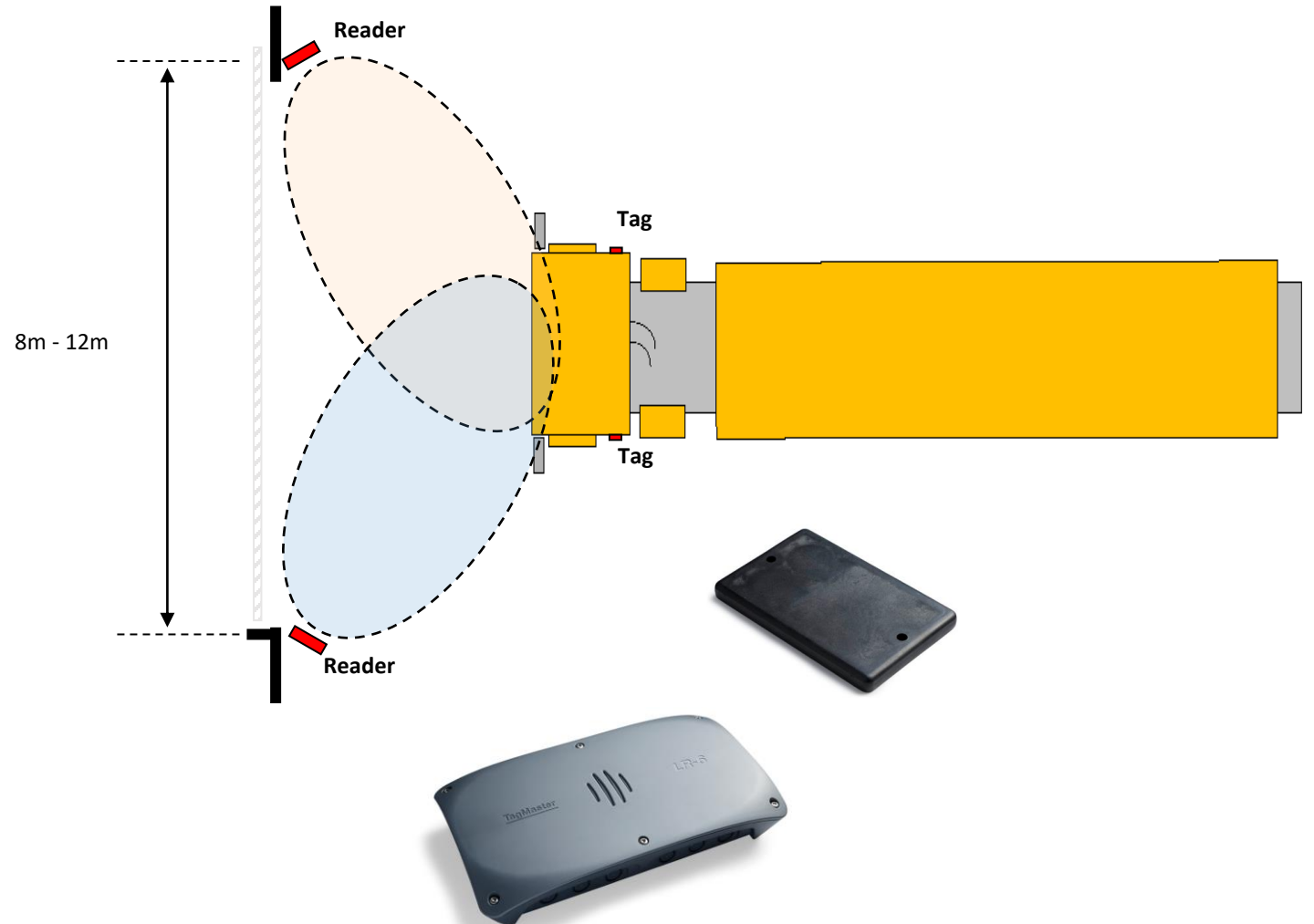
### Recommendations:

Reader : 2x [LR-6](#) read distance configured according to width of the lane.

Tag : [MarkTag HD](#), mounted directly on side of the truck cabin. (For identification also of the vehicle's trailers, the distance between 2 tags must be >3m)

### Reader location & orientation:

Installation on a pole at vehicle roof height (i.e. 3m), approx. 1m before the gate/barrier. Orientation approx. 30° towards the ground, pointing at an angle of approx. 60° towards the vehicle's path.



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# Identification of Heavy Vehicles

## Truck & Bus Identification Wide Lane

### Recommendations:

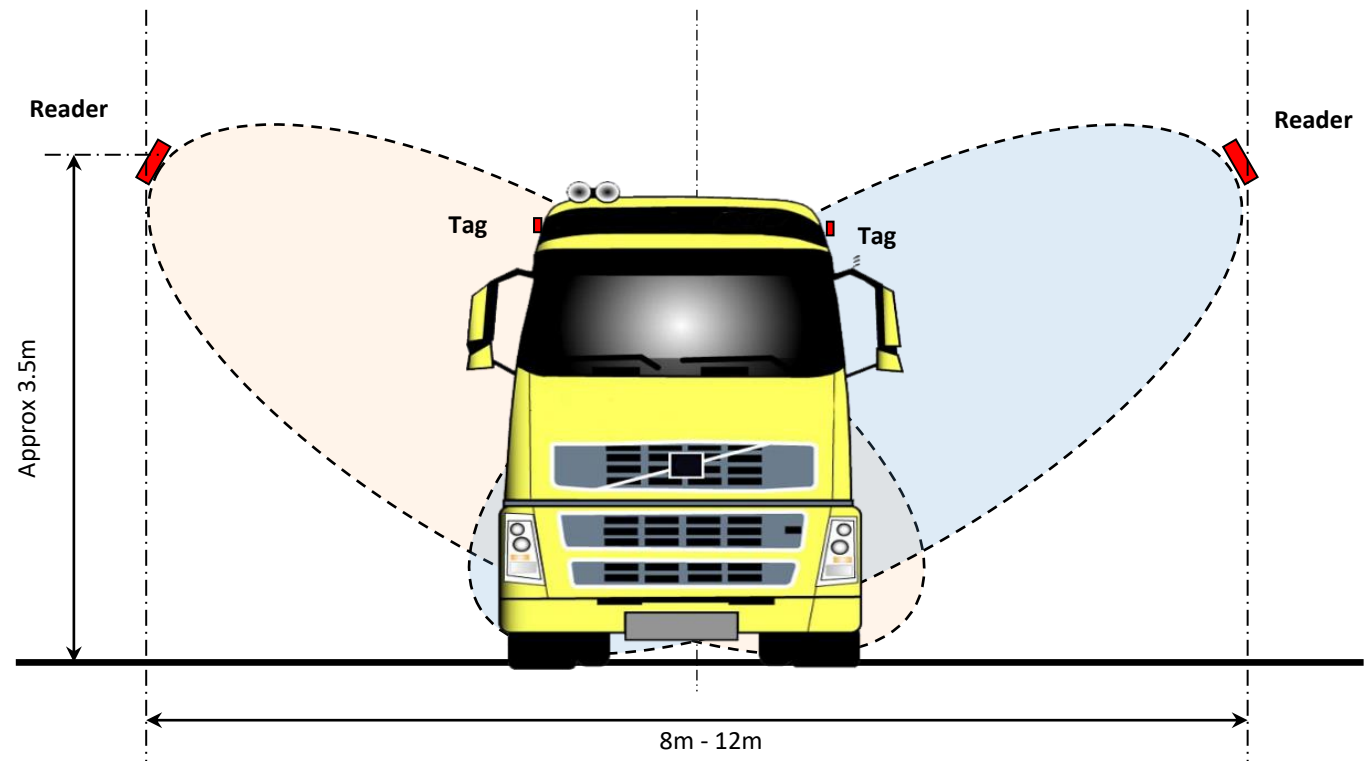
Reader : 2x [LR-6](#) read distance configured according to width of the lane.

Tag : 2x [MarkTag HD](#), mounted directly on side of the truck cabin. (For identification also of the vehicle's trailers, the distance between 2 tags must be >3m)

### Reader location & orientation:

Installation on a pole at vehicle roof height (i.e. 3m), approx. 1m before the gate/barrier. Orientation approx. 30° towards the ground, pointing at an angle of approx. 60° towards the vehicle's path.

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# Identification of Heavy Vehicles

## Truck & Bus Identification – Lateral mount

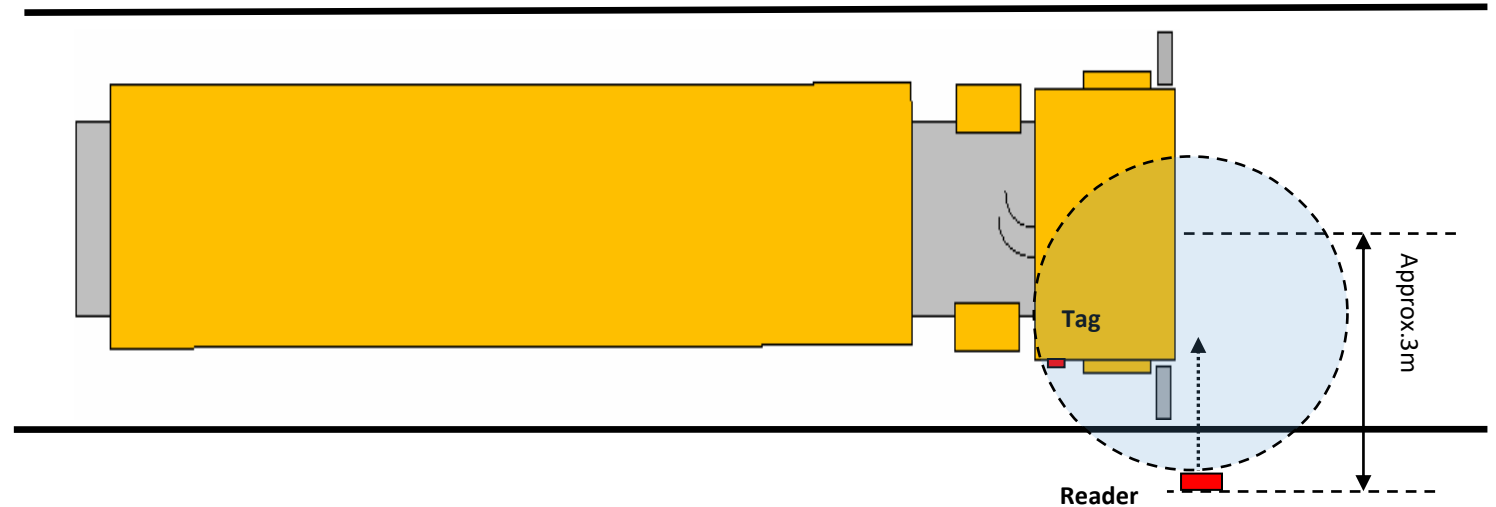
### Recommendations:

Reader : [LR-6](#) read distance configured according to width of the lane.

Tag : [MarkTag HD](#), mounted directly on side of the truck cabin. (For identification also of the vehicle's trailers, the distance between 2 tags must be >3m)

### Reader location & orientation:

Installation on a pole at approx. vehicle roof height. Orientation approx. 30° towards the ground. Pointing at an angle of approx. 90° towards the vehicle's path.



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# Identification of Heavy Vehicles

## Truck & Bus Identification – Lateral mount

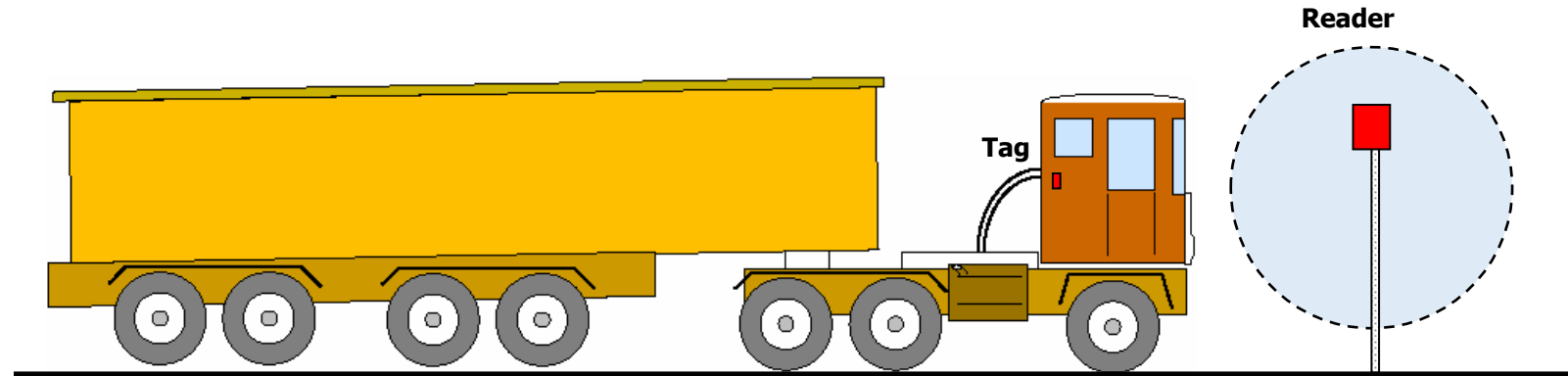
### Recommendations:

Reader : [LR-6](#) read distance configured according to width of the lane.

Tag : [MarkTag HD](#), mounted directly on side of the truck cabin. (For identification also of the vehicle's trailers, the distance between 2 tags must be >3m)

### Reader location & orientation:

Installation on a pole at approx. vehicle roof height. Orientation approx. 30° towards the ground. Pointing at an angle of approx. 90° towards the vehicle's path.



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# Identification of Heavy Vehicles

## Truck & Trailer Identification – Loading bay

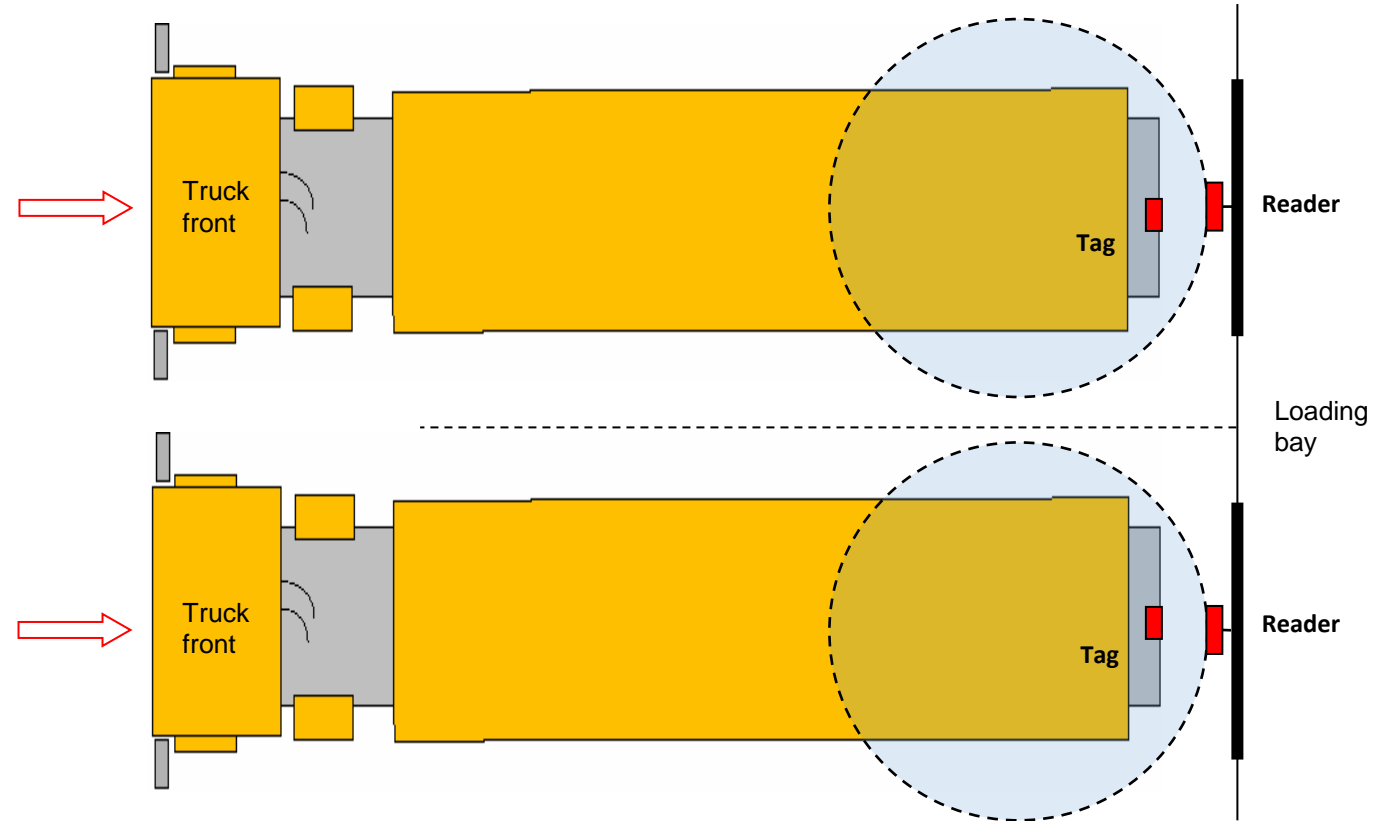
### Recommendations:

Reader : 2x [LR-6](#) read distance configured according to width of the lane.

Tag : 2x [MarkTag HD](#), mounted directly on side of the truck cabin. (For identification also of the vehicle's trailers, the distance between 2 tags must be >3m)

### Reader location & orientation:

Installation on a pole at approx. vehicle roof height. Orientation approx. 30° towards the ground. Pointing at an angle of approx. 90° towards the vehicle's path.



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# Identification of Heavy Vehicles

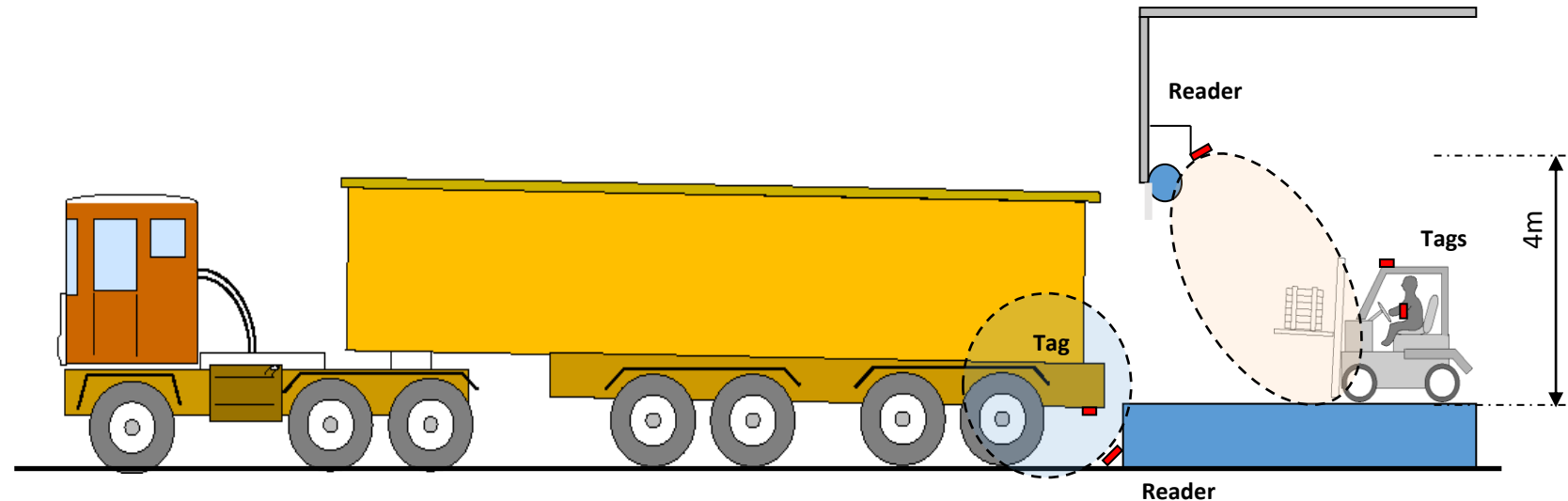
## Truck Trailer & Fork lift Identification – Loading bay

### Recommendations:

Reader : 2x [LR-6](#) read distance configured according to width of the lane.

Tag : [MarkTag HD](#), readers placed as example shown to identify the truck trailer. Marktag Mem or Marktag HD to identify the forklift.

Reader location & orientation: Readers shall be installed as example shown: in the middle at the bottom of each bay for the truck trailer; above or on a lateral part of the roll door for the forklift.



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# Identification of Heavy Vehicles

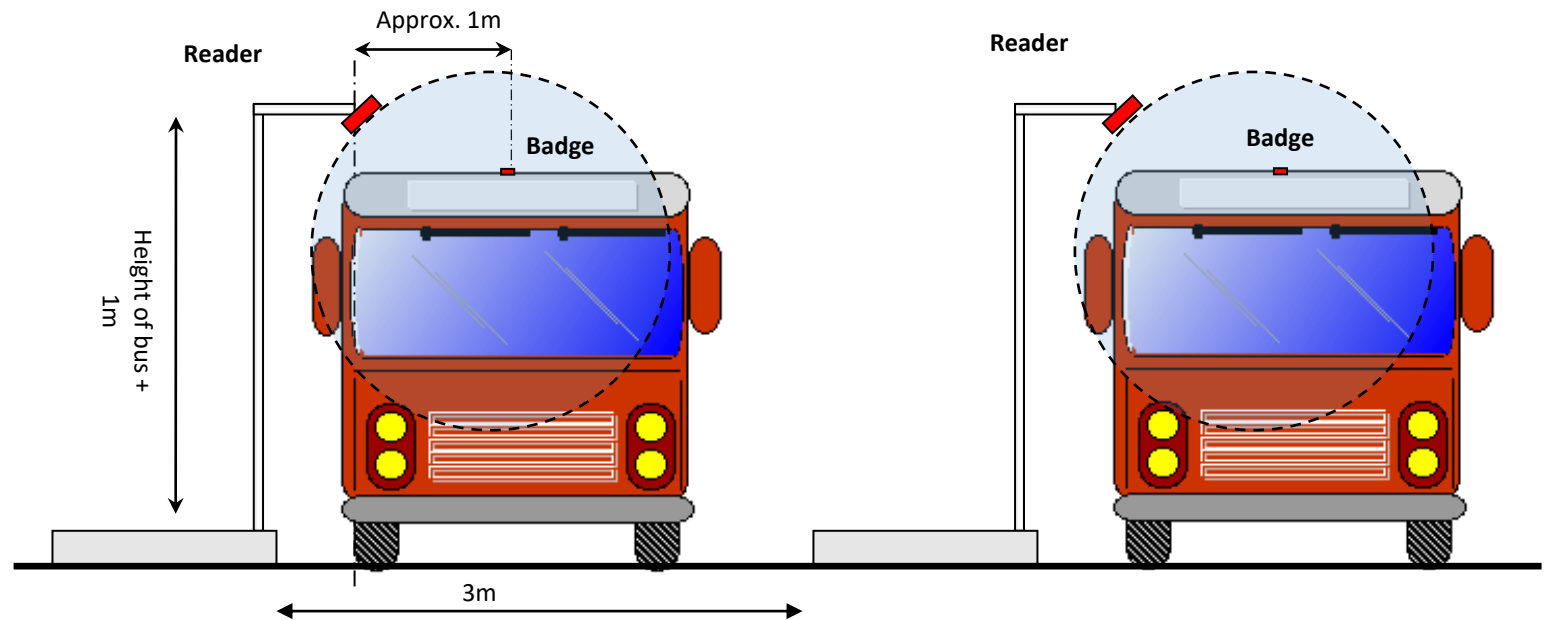
## Bus Identification – Station and Depot

### Recommendations:

Reader : 2x [LR-6](#) read distance configured according to width of the lane.

Tag : 2x [MarkTag HD](#), fixed directly on vehicle roof top (same badge position for all vehicles).

Position & orientation: Installation on a post with 1m arm bracket at a height of approx. 1m above the vehicle (eg. 3.5m – 4m). Reader angled to point directly towards the badge installed on the bus roof.



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# Identification of Heavy Vehicles

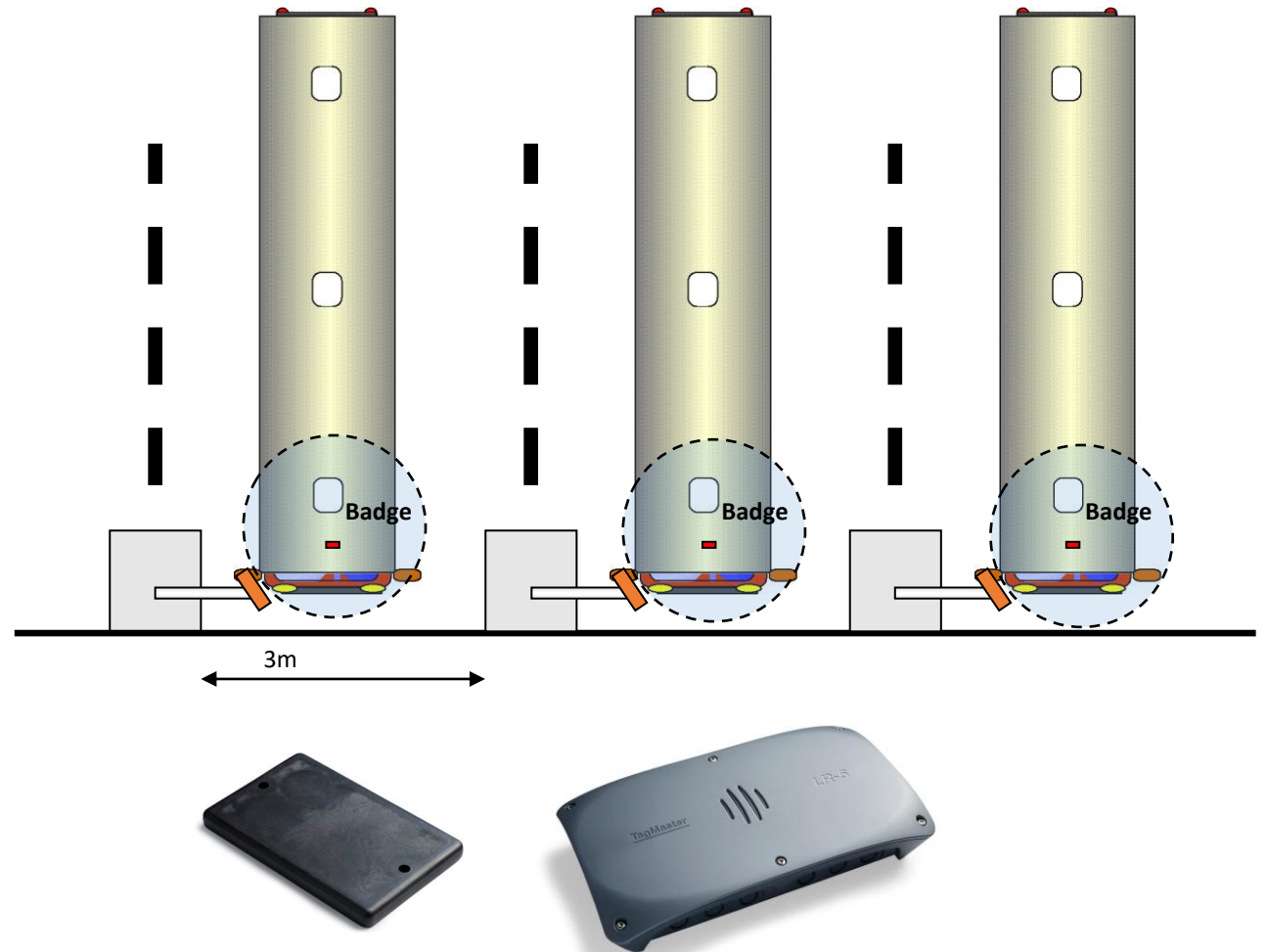
## Bus Identification – Station and Depot

### Recommendations:

Reader : 3x [LR-6](#) read distance configured according to width of the lane.

Tag : 3x [MarkTag HD](#), fixed directly on vehicle roof top (same badge position for all vehicles).

Position & orientation: Installation on a post with 1m arm bracket at a height of approx. 1m above the vehicle (eg. 3.5m – 4m). Reader angled to point directly towards the badge installed on the bus roof.



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# Identification of Heavy Vehicles

## Examples from Airport:

### Toulouse - France



### Oslo - Norway

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# Identification of Heavy Vehicles

## Examples from Transport:

### Ambes - France



**Tag positioning**



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