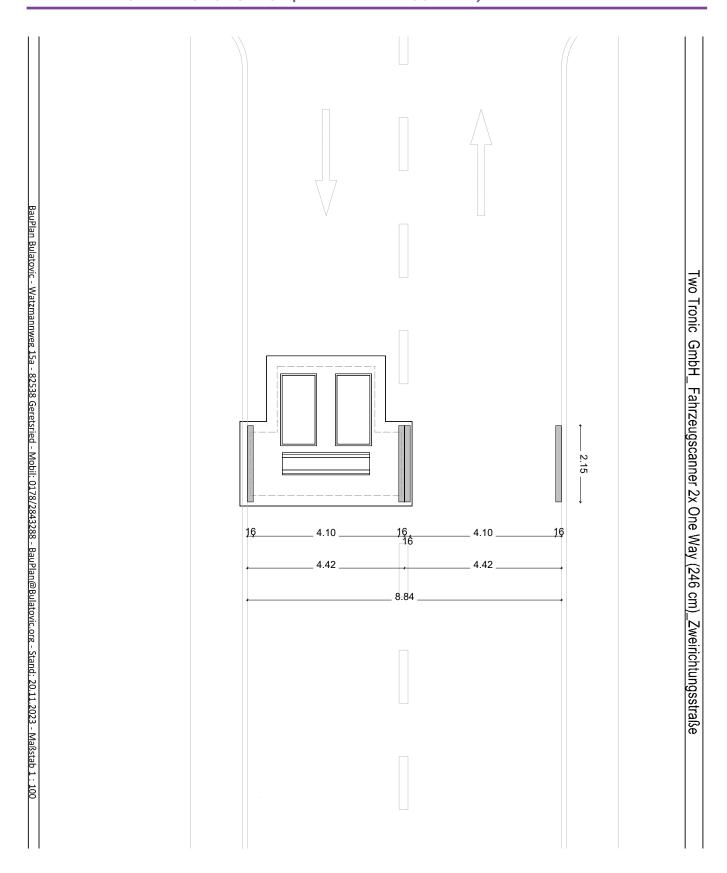
IVOIRONIC INSTALLATION-GUIDE



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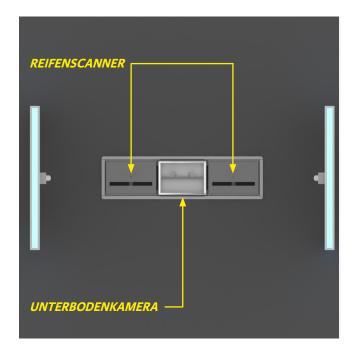


THE SCANNER AT THE EXIT IS USUALLY IMPLEMENTED WITHOUT UNDERFLOOR MODULES AND CAN THEREFORE SERVE AS A FIRE BRIGADE ACCESS (SEE AXLE LOAD LIMITATION TIRE SCANNER - PAGE 3).



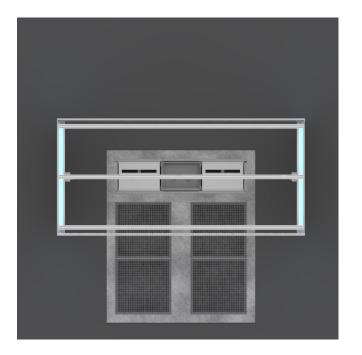
INFLOOR (INDOOR)

- ALWAYS ACCESSIBLE IN BOTH DIRECTIONS



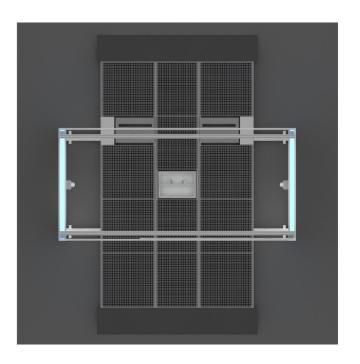
INFLOOR (OUTDOOR - ONE WAY)

- ACCESSIBLE IN ONE DIRECTION



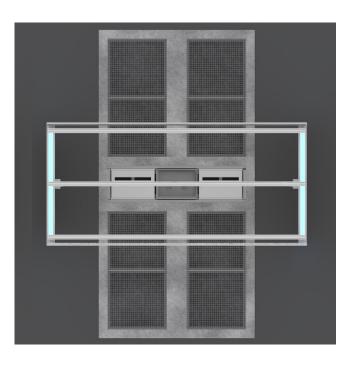
ONFLOOR (INDOOR OR OUTDOOR)

- ACCESSIBLE IN BOTH DIRECTIONS



INFLOOR (OUTDOOR - TWO WAY)

- ACCESSIBLE IN BOTH DIRECTIONS



WHEN USING THE TIRE SCANNER (NOT THE UNDERFLOOR CAMERA MODULE), THERE IS AN AXLE LOAD LIMITATION OF 4 TONS WHEN DRIVING OVER. ALL MODULES CAN BE INDIVIDUALLY CONFIGURED PER SCANNER.

IF A SCANNER IS PLACED IN THE OUTDOOR AREA, EXCEPT FOR LIGHT AND QUICK-CHECK SMALL, IT REQUIRES STATIC SECURING AGAINST WIND LOADS. THIS CAN BE DONE EITHER WITH A TRUSS ABOVE THE SCANNER (CAUTION HEIGHT RESTRICTION WHEN PASSING THROUGH) OR AS A SIDE SUPPORT.



LIGHT-CHECK

- Maximum 10% slope in the direction of travel.
- Maximum 5% slope in the transverse direction.*
- Assumes a level concrete floor with sufficient strength and quality for concrete anchors (Concrete C20/25 to C50/60 unreinforced).
- With the ,Ramp System Full, 'the system can also be installed on asphalt. Alternatively, strip foundations are required.
- 230V (1 phase) separately secured (with C16 slow-blow fuse), Out-door: No RCD. Max. power consumption: ~3,5KW (standby ~150W).
- Network connection/LTE reception with a transmission capacity of at least 20Mbit (upload).

QUICK-CHECK (CAR)

- Maximum 10% slope in the direction of travel.
- Maximum 5% slope in the transverse direction.*
- Assumes a level concrete floor with sufficient strength and quality for concrete anchors (Concrete C20/25 to C50/60 unreinforced). With the ,Ramp System Full, 'the system can also be installed on asphalt Alternatively, strip foundations are required.
- For outdoor installation, either a crossbar strut or lateral support must be installed for static securing.
- 400V (3 phase) separately secured (C16/3 slow-blow fuse), Outdoor: No RCD. Max. power consumption: ~6KW (standby ~150W).
- Network connection/LTE reception with a transmission capacity of at least 20Mbit (upload).

QUICK-CHECK (TRUCK)

- Maximum 10% slope in the direction of travel.
- Maximum 1% slope in the transverse direction.*
- Assumes a level concrete floor with sufficient strength and quality for concrete anchors (Concrete C20/25 to C50/60 unreinforced). With the ,Ramp System Full, 'the system can also be installed on asphalt. Alternatively, strip foundations are required.
- For outdoor installation, either a crossbar strut or lateral support must be installed for static securing.
- 400V (3 phase) separately secured (C16/3 slow-blow fuse), Outdoor: No RCD. Max. power consumption: ~6KW (standby ~150W).
- Network connection/LTE reception with a transmission capacity of at least 20Mbit (upload).

QUICK-CHECK (SMALL)

- Maximum 10% slope in the direction of travel.
- Maximum 5% slope in the transverse direction.*
- Assumes a level concrete floor with sufficient strength and quality for concrete anchors (Concrete C2o/25 to C5o/60 unreinforced) With the ,Ramp System Full, 'the system can also be installed on asphalt. Alternatively, strip foundations are required.
- 230V (1 phase) separately secured (with a C16 slow-blow fuse), Outdoor: No RCD. Max. power consumption: ~3,5KW (standby ~150W).
- Network connection/LTE reception with a transmission capacity of at least 20Mbit (upload).

QUICK-CHECK (VAN)

- Maximum 10% slope in the direction of travel.
- Maximum 3% slope in the transverse direction.*
- Assumes a level concrete floor with sufficient strength and quality for concrete anchors (Concrete C20/25 to C50/60 unreinforced).
 With the ,Ramp System Full, 'the system can also be installed on asphalt. Alternatively, strip foundations are required.
- For outdoor installation, either a crossbar strut or lateral support must be installed for static securing.
- 400V (3 phase) separately secured (C16/3 slow-blow fuse), Outdoor: No RCD. Max. power consumption: ~6KW (standby ~150W).
- Network connection/LTE reception with a transmission capacity of at least 20Mbit (upload).

PRECISION

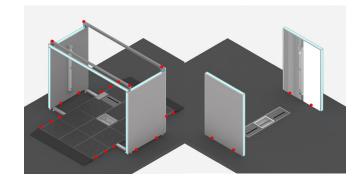
- Maximum 10% slope in the direction of travel.
- Maximum 5% slope in the transverse direction.*
- Assumes a level concrete floor with sufficient strength and quality for concrete anchors (Concrete C20/25 to C50/60 unreinforced).
 With the ,Ramp System Full, 'the system can also be installed on asphalt. Alternatively, strip foundations are required.
- 400V (3 phase) separately secured (C16/3 slow-blow fuse), Out-door: No RCD. Max. power consumption: ~6KW (standby ~150W).
- Network connection/LTE reception with a transmission capacity of at least 20Mbit (upload).
- * The system must always be installed orthogonally to the transverse slope of the roadway. This doesn't affect functionality but may cause visual irregularities, as the walls of the scanner may appear, tilted.'

SUPPLY LINES

- Depending on whether a ramp was installed and/or whether a crossbar strut is present, the insertion of cables is possible at the locations marked with red dots in the diagrams on the right.

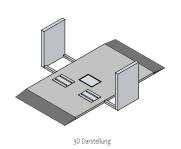
ENVIRONMENTAL CONDITIONS

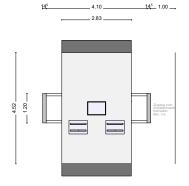
- Although the system is specifically designed for outdoor use, picture quality and the reliability of damage detection and tire tread depth measurement can be affected by environmental conditions. Factors such as weather conditions in outdoor setups or lighting conditions in indoor installations play a significant role. For instance, LED ceiling lights can cause strong reflections on the vehicle's surface, significantly impacting both picture quality and damage detection. Similarly, detergent residue from recently washed cars can influence scanning accuracy when placing scanners near car washes.

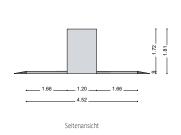


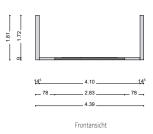


LIGHT-CHECK (WITH RAMP-SYSTEM)

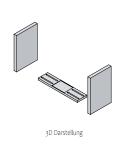


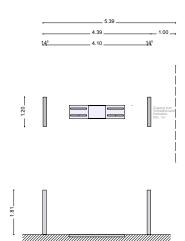


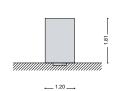




LIGHT-CHECK (GROUND-LEVEL INSTALLATION)





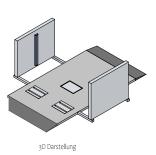


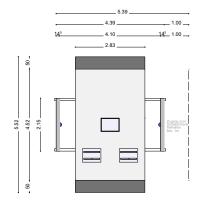
IF NO UNDERFLOOR MODULES (TIRE AND/OR UNDERFLOOR CAMERA) ARE USED, THE SCANNER WALLS CAN BE ANCHORED DIRECTLY IN THE GROUND (FOUNDATION) (GROUND-LEVEL INSTALLATION). IF THE INSTALLATION IS TO BE AT GROUND LEVEL AND A TIRE AND/OR UNDERFLOOR SCANNER IS TO BE USED, A FOUNDATION FRAME MUST BE SET FOR THE INSTALLATION OF THE UNDERFLOOR MODULES, WHICH MUST BE CONSTRUCTED ON SITE. EXEMPLARY CONSTRUCTION PLANS FOR THIS ARE INCLUDED IN THE DOCUMENT.

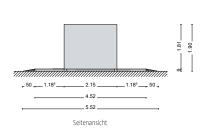
Frontansicht

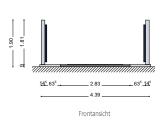


QUICK-CHECK SMALL (WITH RAMP-SYSTEM)



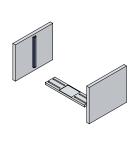




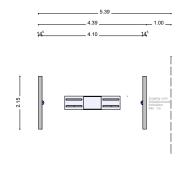


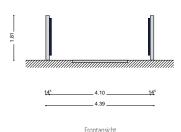
The new scanners will be 2.05m wide (instead of 2.15m, as mentioned in this document). CAR, VAN, and TRUCK scanners are already being produced in this new width, while SMALL scanners are still manufactured at 2.15m. If the width is crucial for your placement, please reach out to your contact for detailed information.

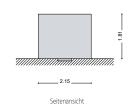
QUICK-CHECK SMALL (GROUND-LEVEL INSTALLATION)



3D Darstellung



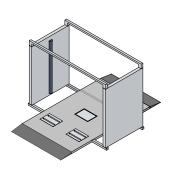




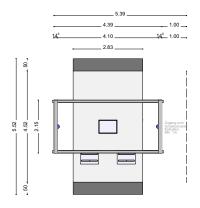
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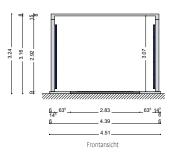


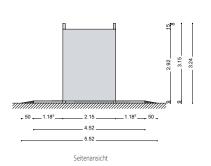
QUICK-CHECK CAR (WITH RAMP-SYSTEM)



3D Darstellung

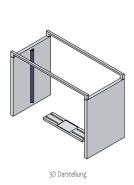


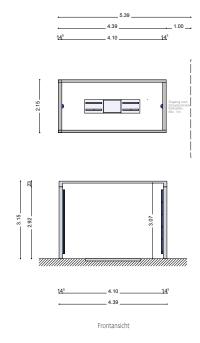


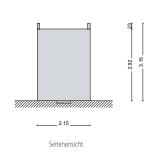


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QUICK-CHECK CAR (GROUND-LEVEL INSTALLATION)



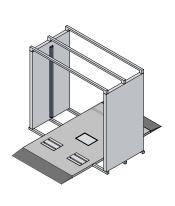




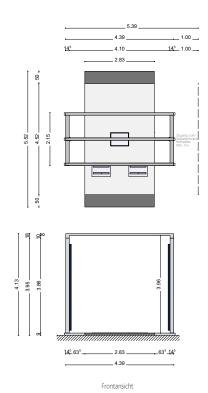
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QUICK-CHECK VAN (WITH RAMP-SYSTEM)



3D Darstellung

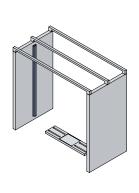


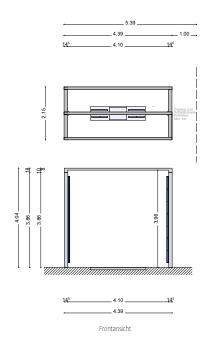
88 97 4 1 1.18° — 50 — 4.52 — 5.52 —

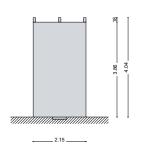
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Seitenansicht

QUICK-CHECK VAN (OHNE RAMPE (GROUND-LEVEL INSTALLATION)



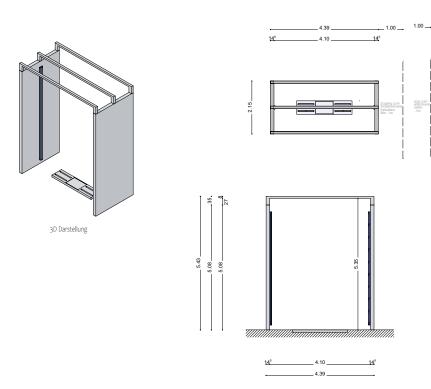


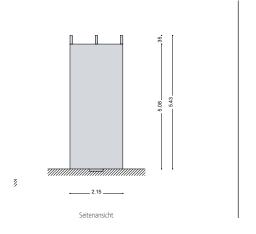


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QUICK-CHECK TRUCK (GROUND-LEVEL INSTALLATION)

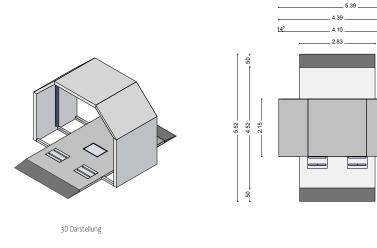


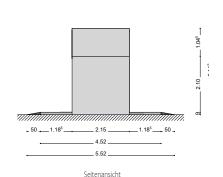


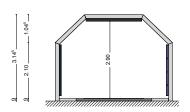
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PRECISION-CHECK (WITH RAMP-SYSTEM)







__ 1.00 __

14⁵ 1.00 __

PRECISION-CHECK (GROUND-LEVEL INSTALLATION)

