

HEAVY DUTY HOUSING



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DETECT THE DANGER

IN GROUND WITH GUIDING RAILS

UVIScan PRO Heavy Duty Housing Assembly,

Hex socket bolt M10x20

Heavy Duty Cover

Scanning Unit

Frame
for Scanning Unit

Concrete Basement

Guiding Rails

Driving Direction

Wedge bolts

Cable Ducting

Heavy Duty Cover

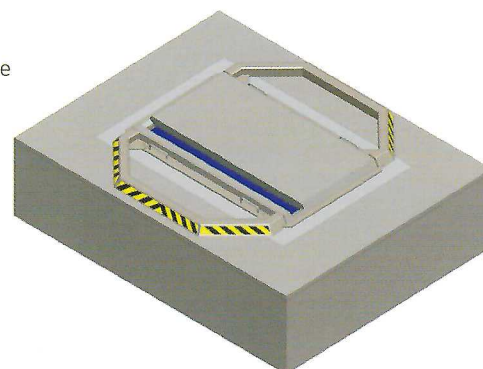
- Stainless steel, sand blasted Heavy Duty Cover with handles for easy carry;
- Can be manually installed, no need for crane;
- Dimensions: 1184 x 680 x 52 mm;
- Weight: 70 kg;
- Can withstand maximum of 50.000 Newton without structural damage, tested and certified by TÜV.

Guiding Rails

- Stainless steel, sand blasted set of Guiding Rails plus Reflective Yellow/Black Tape
- Dimensions: 1136 x 380 x 56 mm

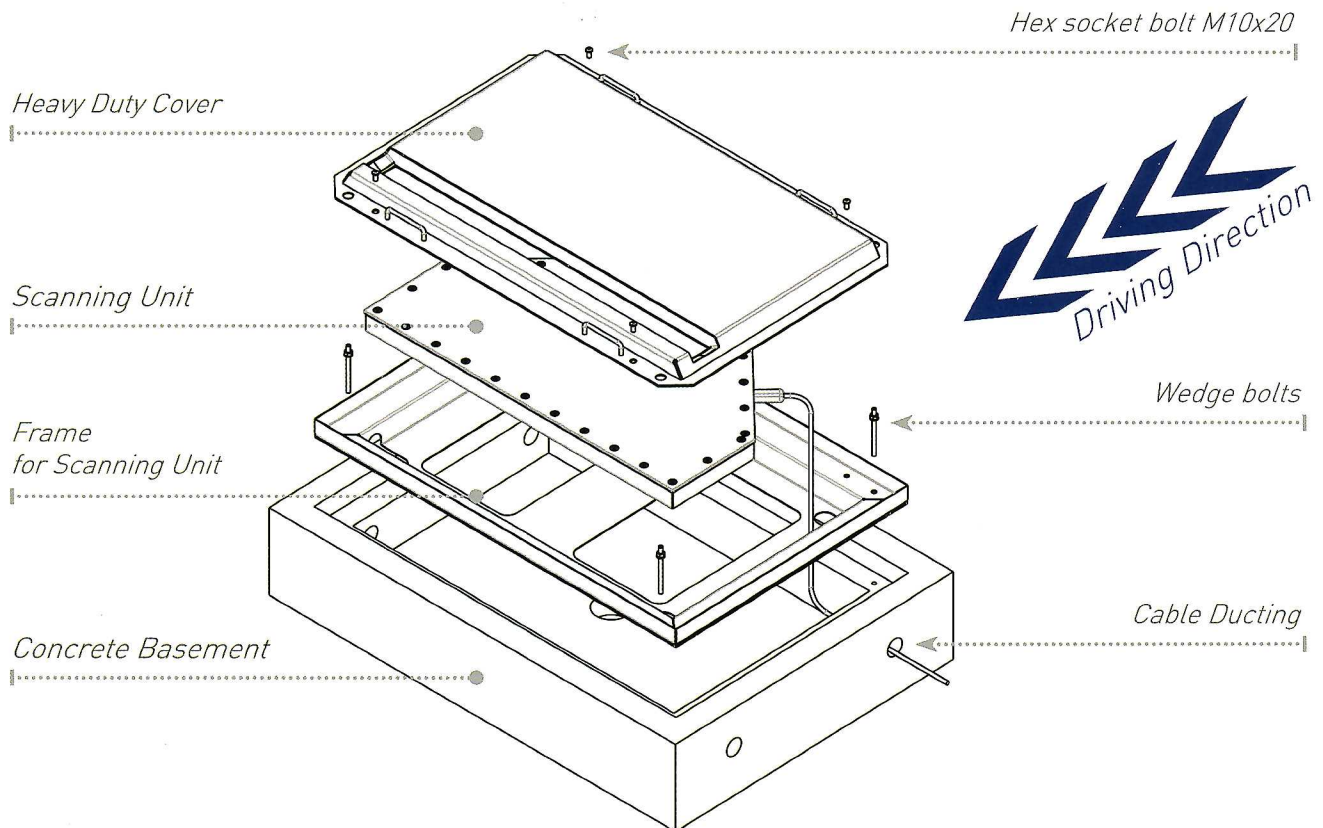
Cabinet

- Stainless Steel Cabinet, to hold the Scanner, to be installed in the road surface
Including holes for cabling / ducting
- Including decline and central hole for drainage
- Dimensions: 1184 x 784 x 72 mm



FLUSH MOUNTED

UVIScan PRO Heavy Duty Housing Assembly,



Heavy Duty Cover

- Stainless steel, sand blasted heavy duty cover with handles for easy carry. To be installed flush with the road surface;
- Can be manually installed, no need for crane;
- Dimensions: 1184 x 680 x 52 mm;
- Weight: 70 kg;
- Can withstand maximum of 50.000 Newton without structural damage, tested and certified by TÜV.

Cabinet

- Stainless Steel Cabinet, to hold the Scanner, to be installed in the road surface
Including holes for cabling / ducting
- Including decline and central hole for drainage
- Dimensions: 1184 x 784 x 117 mm



SURFACE MOUNTED

UVIScan PRO Heavy Duty Housing Assembly,

Hex socket bolt M10x20

Heavy Duty Cover

Scanning Unit

Frame
for Scanning Unit

Heavy Duty Rubber Ramp



Heavy Duty Cover

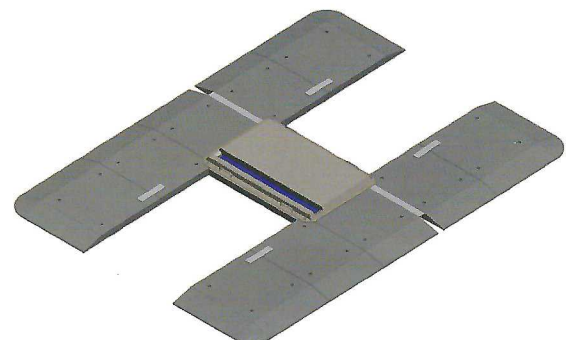
- Stainless steel, sand blasted Heavy Duty Cover with handles for easy carry; To be mounted on the frame;
- Can be manually installed, no need for crane;
- Dimensions: 1184 x 680 x 52 mm;
- Weight: 70 kg;
- Can withstand maximum of 50.000 Newton without structural damage, tested and certified by TÜV.

Frame

- Stainless Steel Frame in 2 parts, to hold the Scanner and for mounting the Heavy Duty Cover.

Heavy Duty Ramps




- Dimensions: 366 x 264 x 11 cm;
- Total ramp weight (excluding scanning unit) 510 KG;
- Max. loading on the rubber pads: 40.000 KG;
- We recommend bolting the rubber pads to the road surface to avoid sliding.



UVISCAN PRO HEAVY DUTY DESIGN

UVIScan[®] PRO Under Vehicle Inspection Systems are widely used to secure the entrance of high security locations, such as Governmental Buildings, Presidential Residences, Critical Infrastructure, Military locations, Nuclear, Oil and Gas Facilities, Airports, Ports, Embassies, Bank Institutions, Corporate Headquarters, and other high security locations.

UVIScan[®] PRO is available in various heavy duty design options:

-  1. In Ground with guiding rails
-  2. Flush Mounted
-  3. Surface Mounted

UVIScan[®] PRO has been specially designed for extreme conditions and heavy duty use. The stainless steel heavy duty cover has a very strong, yet light sandwich construction and can be installed by hand. There is no need for a crane to lift the cover.

The cover protects the scanning unit against any loading when the driver accidentally moves incorrectly over the scanner, with the wheels on the middle section of the system.



UVIScan[®] PRO In Ground with guiding rails



UVIScan[®] PRO Flush Mounted

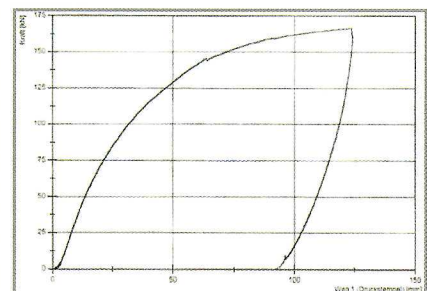
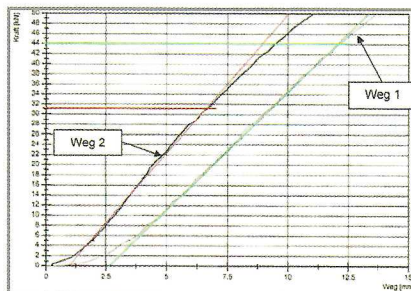
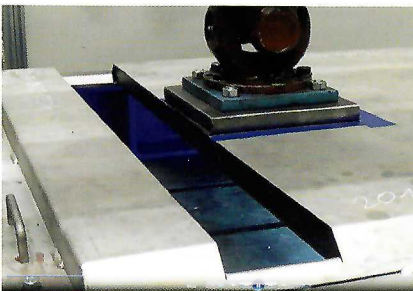


UVIScan[®] PRO Surface Mounted



The heavy duty cover has been rigorously tested by TUV Rheinland, in Germany.

The heavy duty cover can withstand maximum of 50.000 Newton, placed on the most severe location of the cover.



TUV test on UVIScan Heavy Duty Housing

Linear-elastic force displacement curve

Complete force displacement curve

registered distributor



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