

Manual Roof-Mount



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What it looks like

Standby, secured position

Front



Rear

Recording position:



Requirements

Staff

The assembly of the Roof-Mount should be done by a craftsman.
Not by a member of the IT department.

Preparation

Please read this manual completely before starting.

Please ask any questions before starting.

The contact data for support to be found on the last page of this document.

The very first assembly is to be done in-house. Not in an open-sky parking place.
It could be that a metalworking shop needs to be involved to adjust the profiles for the size of your vehicle.

The roof-mount is not meant to be disassembled on a daily basis. Remove it as-is from the vehicle for storage. Keep it mounted to the base-racks.

In case you purchase new base-racks for the vehicle:
Check the vehicles manual for where to place them.
Assemble, then mount the base-racks to the vehicle.

Measure the distance between the base racks.

Visualize where to put the camera in between the base-racks. More to the front or more to the back?

Remove the base-racks from the vehicle.

Use the measurement for arranging the parts of the roof-mount.

After putting together the roof-mount, add the roof-racks.

Extras:

To mount the roof mount to the vehicle it needs 2 base racks that fit your car.

As seen on pages 11,12 and 13.

“[Thule](#)” is a brand that works well for us.

The base racks need to have square profiles. Not wing-shaped profiles.

Photos:

All photos from this document are available in a higher resolution for download:

<http://www.applied-streetview.com/downloads/Roof-Mount-photos.zip> (142 MB)

Unpacking



Camera mount not shown.

Unpack and sort the parts and tools.

There are a few spare parts.

Profiles from top to bottom:

Number	Length	Name
1x	45 cm	camera-base profile
1x	37 cm	hinge profile
1x	36 cm	vertical pole, with 2 bolts
1x	41 cm	45-degree profile, with 4 bolts
1x	45 cm	45-degree profile, with 4 bolts
2x	80cm	crossbeams, with 2 holes each
2x	108 cm	right beam and center beam
1x	120 cm	Camera pole, with 2 bolts

Tools:

- 5mm Allen key screwdriver
- 4mm Allen key screwdriver
- short Allen key.

Small parts:

2x hinges

2xlatches

7x X-connectors (1 spare)

1x Camera holder

4x stainless-steel U-bolts with Aluminum counterparts and 2 self-securing nuts each.

Various nut-stones, screws, bolts, cover caps, etc.

Assembly

Camera pole with hinge



Profiles:

Camera pole: 120 cm

You can shorten the camera pole later to adjust the total height for your vehicle.

Usually the camera lenses are about 3.20 meters above the road surface.

Hinge-profile: 37 cm

45-degree profile: 41 cm (longest side)

Make sure the camera pole aligns with the hinge-profile on the left side. Then tighten all bolts.

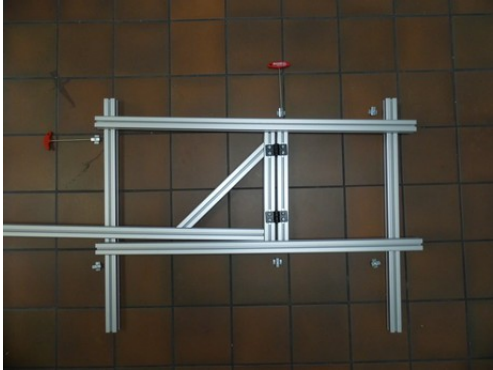
Use the short Allen key for the 45-degree bolts.



Mount the camera-base profile with 2 hinges and 8 bolts and 8 nut-stones.

Do **not** tighten the 8 bolts. This needs to be aligned and adjusted later.

Base beams



Arrange the 2 crossbeams (vertical, 80cm) and the right beam (top, 108 cm) and the center beam (bottom, 108 cm) as shown.

The holes in the crossbeams must face downwards. See page 11 to 13.

Place the Camera pole with hinge as shown. The exact position depends on your vehicle.



Connect the 2 crossbeams, the camera-base-profile, the right beam and the center beam with the 6 x-connectors.

Start with the middle x-connectors for the camera beam.

Arrange the x-connectors in a way for the screws to point outward for easy access later.

X-connectors screw positions are shown with the two Allen key screwdrivers.

You received one Allen key.



Erect the camera pole.

Check it has space to move freely and does not scratch the right beam or the center beam.

Vertical pole



Arrange the vertical pole (36 cm) and the 45-degree profile (45 cm) as shown.



Connect loosely.



Connect to the center beam.
Erect the camera pole to make sure the vertical pole and the camera pole align.

Latches



Mount the black front latch.

Paint a screw red.

Never unscrew the red screw.

It prevents the camera pole to from tilting forward, which can damage the camera and vehicle.



Mount the black rear latch.

Paint a screw red.

Never unscrew the red screw.

It prevents the camera pole to from tilting forward, which can damage the camera and the vehicle.

Tighten the 4 bolts of the 2 black latches.

Tighten the bolts of the vertical pole and the 45 degree-profile.

Tighten the 8 screws of the black hinges.

Hold-down



Insert a nut-stone into the center beam.



Always secure the camera pole when not recording. Otherwise it WILL damage the car when driving. It is recommended to additionally secure the camera pole in the DOWN position with an extra strap

Camera holder



Mount the camera holder to the camera pole.
In the picture the right end of the camera holder faces to the rear of the vehicle.
Use 2 bolts with washer springs and 2 nut-stones.
Tighten the bolts.

U-bolts



There are 4 stainless steel U-Bolts with 4 Aluminum plates and 8 self securing nuts.

Place the roof mount as shown on the base-racks and connect with the U-bolts.



Overview recording position



Camera mount
facing
backwards



Overview down position



When mounting to your vehicle make sure the camera mount does not damage the vehicle.



Mounting to the vehicle

The roof mount should be mounted to the vehicle by 2 persons.

It might be necessary to have a metal-shop make adjustments to fit your vehicle.

It is not made be removed or disassembled on a daily basis.

Legal

Disclaimer of Warranty.

Except when otherwise stated in writing Streetview Technology GmbH provides the roof-mount “as is” for self-assembly, without, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the roof-mount is with you.

Limitation of Liability.

In no event unless required by applicable law or agreed to in writing will Streetview Technology GmbH be liable to you for damages, including any general, special, incidental or consequential damages arising out of the use or inability to use the roof-mount. Even if Streetview Technology GmbH has been advised of the possibility of such damages.

Please check that the roof-mount adheres to the laws of the country you operate it.

Support

Support is available in English language.

Contact by email or Skype for support.

Providing photos helps a lot.

Contact data:

E-Mail: support@applied-streetview.com

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