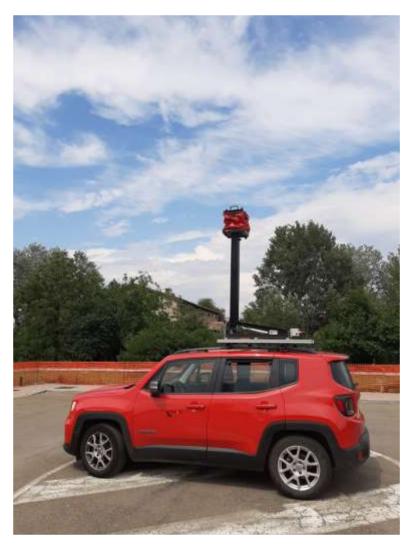
Smart Lift Roof

Lifting system for vehicle roof

Lifting system for any brand and type of terrestrial laser scanner.

Smart Lift Roof has been created in order to take advantages of the Level-Plane 16R or 16B in land, infrastructural, architectural and structural surveying.

It is composed of an electrical and mechanical system (max 1.40 m height), a support plate for Level-Plane 16R or 16B and a solid frame that allows mounting on the roof rack of any vehicle. The system is made from anodized aluminum.





By using Smart Lift Roof combined with Level-Plane 16R or 16B and raising the 3D Laser Scanner gripping point it's possible to obtain:

- significant increase of measurement range
- decrease of the scanning sessions number
- saving of surveying time
- more detailed scans by cutting out balcony shadows, trays of windows and high parts, not visible from the ground
- improving measurement quality due to the increased verticality of the gripping point

Smart Lift Roof

Part Number SLR

SMART LIFT ROOF

Lifting system for any laser scanner no extension, only one vertical position up to 1,40 mt (with LP16 1,70) height electrical and mechanical system <u>Composed of</u>

SLR Lift Roof with Aluminium frame

STA Roof bar brackets SRC Radio Controller

CLR Connecting cable from LP16 to SLR

CPC Power Cable with connection to the car-lighter

PCP Support plate for LP16

QBK Quick Bracket

BMA Soft bag for accessories

(LP16R and LP16B not included)



TECHNICAL DATA

Dimensions closed system
Extended pole height
132 x 40 x h. 40 cm
1,40 mt (with LP16 1,70)

Maximum loadWeightElectrical engines35 kg31 Kg

Radio and Manual Controller

Power supply
12V 16A

• Temperature limit for use of the equipment - 45° C + 50° C

• Temperature limit for the storage of equipment - 50° C + 80° C

(LP16R or LP16B not included)

