



PANORAMA CAMERA

- Panorama image with 134 Megapixel
- Global Shutter
- Field of View: 360° x 135°
- Stitching-Software is included



LiDAR

- 2 x 640000 Points per second
- Range: up to 120m
- 2 x 360° horizontal, 31,5° vertical
- Accuracy: 1 – 2 cm



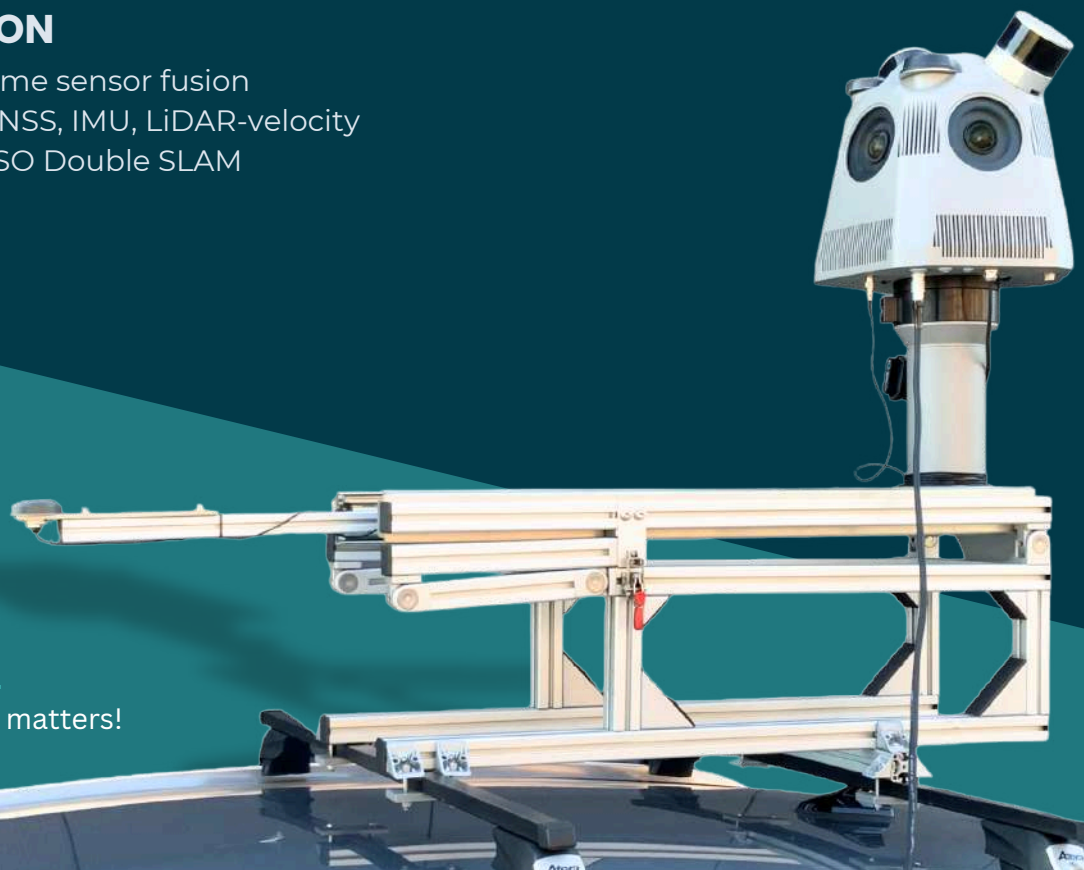
POSITION

- Real-time sensor fusion
- RTK-GNSS, IMU, LiDAR-velocity
- JAWESO Double SLAM

**JAWESO
Panora PL**

All-in-one Mobile Mapping Solution

134-megapixel Mobile Mapping System with two rugged LiDAR sensors and accurate positioning, supported by RTK-GNSS, IMU, and SLAM technology. Captures 16K panoramic imagery and dense point clouds with up to 2 × 640,000 points per second, a range of up to 120 m, and 1–2 cm accuracy.



Because every detail matters!

JAWESO Panora PL

Camera

- Shutter Global Shutter
- Pixel size 2.74 μm
- Image processing (automatic) Exposure, Gain, white balance, gamma
- Max FPS 15 FPS

Images

- Stitched Panorama 134 megapixel / 16k
- Field of View 360° x 135°

2x LiDAR

- Points per second 2 x 640000 per sec.
- Range Up to 120 m
- Accuracy 1 - 2 cm
- Field of view 360° horizontal, 31.5° vertical

Data output

- Real-time output Imagery, LAS, raw LiDAR and IMU data, trajectory, trigger positions with timestamps and orientation
- JAWESO-Office output Stitched and anonymized panoramas, SLAM-optimized LAS/LAZ, trajectory, and trigger positions

Storage

- Storage 4 TB internal + 4 TB ext. SSD (swappable)

Position

- Positioning system SBC Quanta Plus
- Real-time sensorfusion RTK-GNSS, IMU, LiDAR-velocity

Electrical data

- Input voltage 12V
- Electrical power 190 Watt

Environmental Characteristics

- Max vehicle speed 110km/h; 68.4 mph
- IP rating IP65
- Operating temperature -10°C to +45°C; 14°F to 113°F
- Storage temperature -15°C to +50°C; 5°F to 122°F
- Relative humidity (operating) 20 to 80% (no condensation)
- Relative humidity (storage) 20 to 95% (no condensation)
- Compliance CE

Physical Characteristics

- Weight camera 19 kg; 41 Lbs
- Dimensions Max. Diameter: 372 mm, height; 318 mm
- Weight rack 4,9 kg; 11 Lbs
- Rack height Standard 570mm; customizable from 50 to 1000 mm



Because every detail matters!