

WORLD FIRST!

200 MEGAPIXEL ALL-IN-ONE MOBILE MAPPING SYSTEM

WITH ONLY 2 LENSES FOR COMPLETELY PARALLAX-FREE IMAGING

- Ultra-high-resolution all-in-one mobile mapping solution
- Groundbreaking **200 Megapixel** all-in-one Mobile Mapping System - with only 2 lenses for completely parallax-free imaging
- Two rugged LiDAR sensors
- Accurate positioning – supported by RTK-GNSS, IMU and JAWESO Double SLAM
- Operation through an intuitive web interface
- Real-time data storage in standard formats



PANORAMA CAMERA

- 2 x single lenses with 200° field of view
- 200 Megapixel class, distortion-free
- Nearly complete spherical view
- No stitching for half sphere – zero parallax
- Extreme dynamic range, sharpest images possible



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
- 2 x RTK-GNSS + IMU
- JAWESO Double SLAM

Datasheet

JAWESO
Panora Pro PL

JAWESO Panora Pro PL

Images

- Panorama resolution 200 megapixel class
- Field of View 360° x 170°
- Format JPEG compressed

Cameras

- Shutter Global Shutter
- Image processing (automatic) Exposure, Gain, white balance, gamma
- Recording rate 8 FPS

2x LiDAR

- Points per second 2 x 640000 pps
- Range Up to 120 m
- Accuracy 1 - 2 cm
- Field of view 360° horizontal, 31,5° vertical

Position

- Real-time sensor fusion
- 2x RTK-GNSS + IMU + visual-SLAM

Electrical data

- Input voltage 12V
- Electrical power 350 Watt

Environmental Characteristics

- Max vehicle speed 120km/h
- IP rating IP66
- Operating temperature 0°C to +40°C
- Storage temperature -15°C to +50°C
- Relative humidity (operating) 20 to 80% (no condensation)
- Relative humidity (storage) 20 to 95% (no condensation)
- Compliance CE

Physical Characteristics

- Weight camera 23 kg
- Dimensions Max. Diameter: 372 mm, height; 318 mm
- Weight rack 4,9 kg
- Rack height Standard 570mm; customizable from 50 to 1000 mm



www.jaweso.com



info@jaweso.com



+491782022504



Herzog-Bernd-Straße 2-4
29614 Soltau, Germany