



JAWESO Panora

134-megapixel panoramic camera.

Delivering 360° imagery for documentation, inspection and mapping applications. It can be used as a stand-alone device or seamlessly integrated into Mobile Mapping Systems such as Trimble, Riegl and Leica, offering flexibility for a range of survey and infrastructure projects.



IMAGE QUALITY

Six 24 MPix cameras provide a 134 MPix panorama image. Small objects are visible in detail. The recording rate is up to 15 FPS.



INTEGRATION OPTION

Image recording options are:

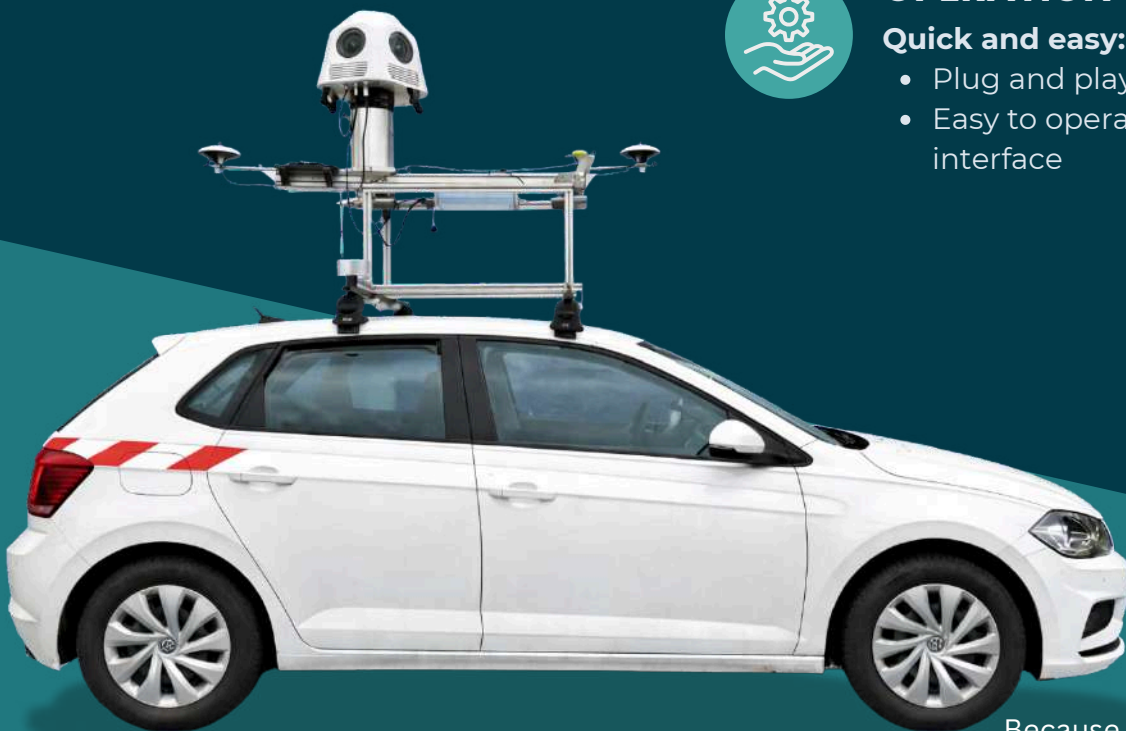
- distance based triggering
- time based triggering
- external trigger from different MMS (e.g. Trimble, Leica, Riegl)



OPERATION

Quick and easy:

- Plug and play connections
- Easy to operate via intuitive web interface



Because every detail matters!

JAWESO Panorama

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°

LiDAR

- LiDAR System can be integrated into LiDAR systems

Data output

- Real-time output Imagery, trajectory, trigger positions with timestamps and orientation
- JAWESO-Office output Stitched and anonymized panoramas, synchronized trajectory, and trigger positions

Storage

- Storage 1 TB internal + 4 TB ext. SSD (swappable)

Position

- Positioning system Standard: Trimble BX992, Fixposition, or additional external sensors

Electrical data

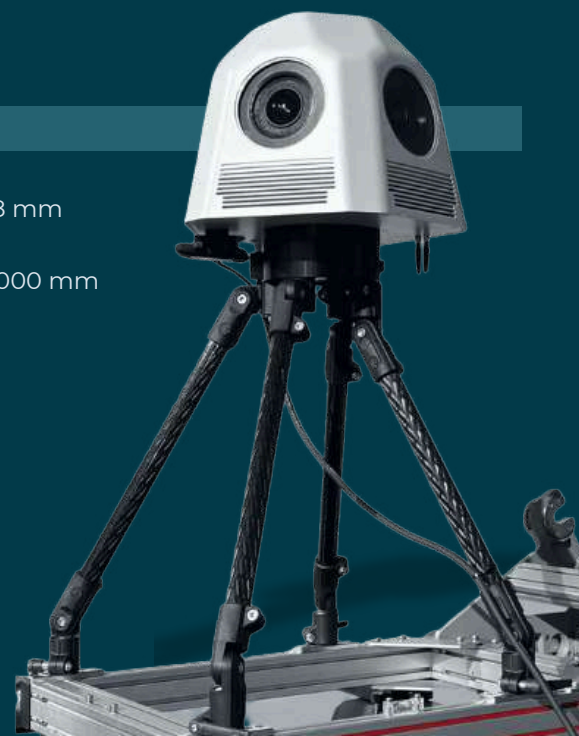
- Input voltage 12V
- Electrical power 180 Watt

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 13 kg, 28 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



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