

IMAGES

- Single sensor resolution with 24.4 Megapixel
- Global Shutter
- Field of View: 63.8° x 79.2° or 46.9° x 60°

INTEGRATION OPTION

Image recording options are:

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

OPERATION

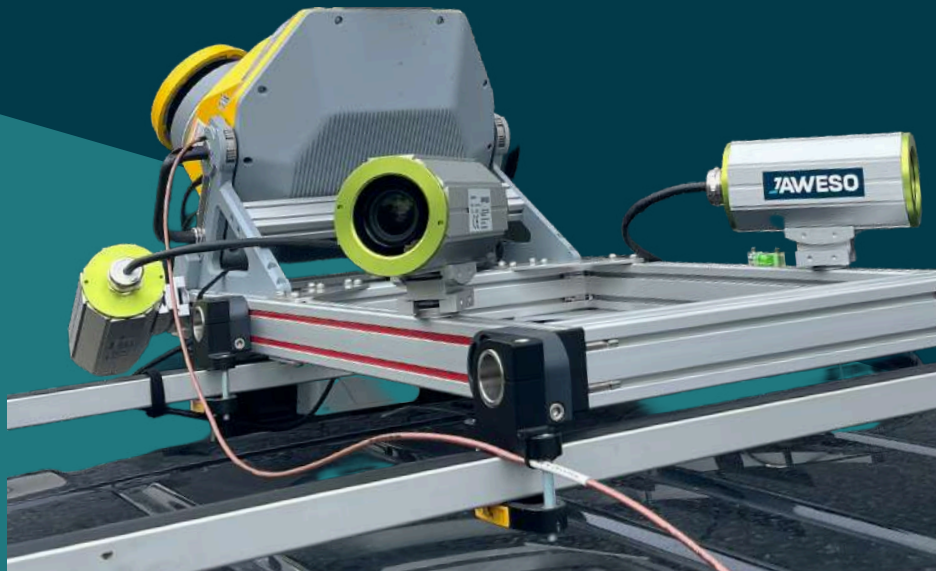
Quick and easy:

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

JAWESO Planar

Single Mobile Mapping Cameras

One system with up to six 24.4-megapixel cameras, designed for high-quality image capture in demanding mobile mapping applications. The compact and flexible setup allows easy integration into Mobile Mapping Systems such as JAWESO, Trimble, Riegl, and Leica, making it ideal for efficient surveying, infrastructure documentationand data acquisition projects.



Because every detail matters!

JAWESO Planar

Camera

Sensor	Sony
Shutter	Global Shutter
Image processing (automatic)	Exposure, Gain, white balance, gamma
Max FPS	15 FPS

Images

Single sensor resolution	6 x 24.4 megapixel each
Field of View	63.8° x 79.2° or 46.9° x 60°
Pixel size	2.74 µm
Format	JPEG compressed

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	Anonymized images, synchonized 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 DC
Electrical power	350 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

Mountig	Brackets for standard industial profiles are included
Weight camera unit	2 kg; 4,5 Lbs
Dimensions camera unit	96mm x 96mm x 194mm
Weight control unit	6 kg; 13 Lbs
Dimensions control unit	386 mm x 378mm x 105mm



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