



- Up to 6 cameras with 24.4 MPix each in one system
- Global shutter
- Field of View:  $47^\circ \times 60^\circ$
- Images are stored in standard format – incl. position
- Protection class: IP67
- Easy integration with Mobile Mapping systems (e.g., Trimble MX, Leica, Riegl)
- Meets the requirements of Deutsche Bahn (DB) for “video recordings” in connection with MSS data recordings according to Ril 883

## Datasheet

### JAWESO Planar

Single Mobile Mapping Cameras



# JAWESO Planar

## Position, Orientation, Time – Integration and Synchronisation with

- MMS - Mobile Mapping Systems Image trigger (option to synchronise with MMS / MSS)
- MSS - Multi Sensor Systems NMEA - GGA, VTG, PASHR
- GNSS PPS (if synchronisation with MMS / MSS isn't used)

## Images

- Single sensor resolution 24.4 MP
- Field of View 47° x 60°
- Pixel size 2.74 µm x 2.74 µm
- Format JPEG compressed

## Cameras

- Sensor Sony
- Shutter Global Shutter
- Image processing (automatic) Exposure, Gain, white balance, gamma
- Recording rate 13 FPS

## Electrical data

- Input voltage 12V DC
- Electrical power 350 Watt

## Environmental Characteristics

- Max vehicle speed 120 km/h
- IP rating IP67
- Operating temperature -5°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

- Mounting Brackets for standard industrial profiles are included
- Weight camera unit 2 kg
- Dimensions camera unit 96mm x 96mm x 194mm
- Weight control unit 6 kg
- Dimensions control unit 386 mm x 378mm x 105mm



[www.jaweso.com](http://www.jaweso.com)



[info@jaweso.com](mailto:info@jaweso.com)



+491782022504



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