



- 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
- MSS - Multi Sensor Systems
- GNSS

Image trigger (option to synchronise with MMS / MSS)
NMEA - GGA, VTG, PASHR
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



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