



**Datasheet
Optical Tracking System SingleCam C8**

| | | |
|--|---|-----------------------------------|
| Measurement area | Measurement distance fromto [mm] | 8002400mm |
| Target markers | Marker size from ... to [mm] | 5 ... 10mm |
| | Retro reflective markers | ✓ |
| | White, diffusely reflecting Markers | no |
| | Spherical and flat round markers | ✓ |
| Accuracy (for rigid bodies with the recommended geometry) | Max LME ²⁾ between two locators VDI/VDE 2634 [mm] | < 3mm |
| Measurement frequency | Frequency of image acquisition | Up to 32Hz |
| Interfaces | Interface to computer unit | Gigabit Ethernet |
| Measurements | Weight | 0.9kg |
| Operation | Operating temperature | 10°C to 35°C |
| | Humidity | 25 to 70%, not condensing |
| | Air Pressure | 70 – 106 kPa |
| | Operating mode | Continuous |
| Transport / Storage | Temperature range | -10°C to 60°C |
| | Humidity | Up to 75% at 30°C, not condensing |
| | Max. Velocity | 75 G for < 5 ms |
| | Air Pressure | 70 – 106 kPa |
| Power-/ consumption | Voltage | 24 V DC |
| | Consumption | 10 W |
| Classification | Protection against electrocution. | Protection class I |
| | IP-Protection | IP40 |
| Lighting | Infrared, wavelength [nm] | 810 |

1) 1 Sigma; Position of the centre of a field of four single points (depends on the logical construction of the locator field)
2) Maximum length measurement error