

SYSTEM COMPONENTS

Radar sensor

IBOMADE's radar sensor provides the needed data basis for an optimized traffic management and traffic safety.

Product page with references and contact: www.ibomade.de/en/radar-sensor/

Technical data

FEATURE	VALUE
Range	around 220 m
Lanes	up to 6, in both directions
Measuring accuracy	± 1 km/h
Objects / vehicle groups	about 130 objects, up to 8 vehicle groups
Measured variables	Speed, vehicle class, occupancy
Communication	via the control unit to the IBOMADE cloud
Connection	Connection cable colour-coded, reverse-polarity-protected

Frequently asked questions**How large is the measuring range of the radar sensor?**

Around 220 metres. At the same time, objects are recorded on up to six lanes in both directions.

How many vehicles does it record and how accurately?

About 130 objects from up to eight vehicle groups; speed is measured to an accuracy of one kilometre per hour.

How is the measurement data transmitted?

The data is sent directly to the IBOMADE cloud via the control unit.

What is the radar sensor used for?

For traffic technology such as the mobile congestion warning system (mSWA), for traffic censuses or for wrong-way driver detection.