

DETECTION

Traffic census and traffic data recording

IBOMADE's radar sensor allows an efficient traffic data collection – checking traffic capacity, executing traffic census, identifying wrong-way drivers.

Product page with references and contact: www.ibomade.de/en/traffic-data-recording/

Technical data

FEATURE	VALUE
Measuring range	about 220 m
Lanes	up to 6, in two directions simultaneously
Measuring accuracy	1 km/h
Objects / vehicle groups	up to 130 objects simultaneously, 8 vehicle groups
Measured variables	Vehicle volume, speeds, classifications
Communication	Control unit to IBOMADE cloud; LVMS platform
Power supply	Photovoltaic module (380 watts) and battery unit with lithium-iron-phosphate batteries
Applications	Traffic census, utilization checks, wrong-way driver detection

Frequently asked questions

How large is the measuring range?

The radar sensor measures over about 220 metres and covers up to six lanes in two directions simultaneously.

How accurate is the measurement and how many vehicles are recorded?

Speed is recorded to an accuracy of one kilometre per hour. The sensor measures up to 130 objects simultaneously and distinguishes eight vehicle groups.

What is the traffic data used for?

For traffic censuses, checking traffic utilization and wrong-way driver detection, as well as within the mobile congestion warning system (mSWA).

How is the data transmitted?

The control unit transmits the data to the IBOMADE cloud; it flows directly into the LVMS platform.