

## GUIDING

# Mobile variable-message sign (VMS)

With sustainability to innovative traffic safety: the dependable LED-variable-message signs by IBOMADE.

Product page with references and contact: [www.ibomade.de/en/mobile-variable-message-sign/](https://www.ibomade.de/en/mobile-variable-message-sign/)

## Technical data

| FEATURE                        | VALUE                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------|
| <b>LED-display (pixels)</b>    | 48x48, 48x80 or 64x96 pixels                                                            |
| <b>Power supply</b>            | Photovoltaic module (380 watts) and battery unit with lithium-iron-phosphate batteries  |
| <b>Battery change</b>          | not required                                                                            |
| <b>Communication</b>           | Data transmission to the IBOMADE cloud; LVMS network via redundant communication paths  |
| <b>Display content</b>         | Speed limits, information, warnings, lane closures (according to StVO)                  |
| <b>Mounting</b>                | Tripod pole with concrete foundation; mast bracket for traffic masts and bridge girders |
| <b>Housing</b>                 | Aluminium                                                                               |
| <b>Mode of operation</b>       | stationary and temporary                                                                |
| <b>Standards and approvals</b> | LED modules: EN 12966-1:2005 + A1:2009; tripod pole: DIN EN 12767 (passive safety)      |

## Frequently asked questions

### What can the variable-message sign display?

It is freely programmable and shows, according to StVO, for example speed limits, general information, warnings or lane closures.

### In which sizes is the LED-display available?

The LED-display is available in three sizes: 48x48, 48x80 or 64x96 pixels.

### Does the battery have to be changed?

No. Thanks to the 380-watt photovoltaic module and the battery unit with lithium-iron-phosphate batteries, no battery change is necessary; the signs are monitored digitally.

**How is the variable-message sign controlled remotely?**

Via the LVMS platform. All systems can be monitored and remotely controlled in real time there; sign images can be adjusted, switched and logged from a central control room.

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