

iVISOR DS160

➤ Load Moment Indicator



➤ General Information

The iVISOR DS160 is an economical upgrade solution for Manitex cranes with existing DS 50 load moment indicators. The iVISOR DS160 provides crane owners with a combination of the latest technology while incorporating many of the existing proven sensors and components. All setup is done through the user-friendly operator's console, with no costly and time consuming re-calibration.

➤ Product Features

- Displays actual and allowable load, boom length, boom angle, and load radius
- Uses existing boom components
- Integrated bargraph provides a quick reference of the crane utilization
- User-friendly console and setup
- Meets SAE and ANSI B-30.5 standards

➤ System Specifications

- Power supply: 10...30 V DC
- Signal input: 4...20 mA
- LCD/ illuminated display
- Illuminated console keypad: 11 buttons/ 3 indicators
- Protection class: IP65
- Operating temperature: -25°C to +70°C

System Layout



1

Use existing anti-two block switch



4

Use existing cable reel with length/angle sensor



WIKA Mobile Control GmbH & Co. KG

Hertzstr. 32-34
76275 Ettlingen, Germany
Telephone: +49 (0)7243 709-0
sales.wmc@wika.com
www.wika-mc.com

We make lifting loads safer!

As an experienced specialist, we have spent many years providing reliable safety solutions for lifting loads, setting innovative standards in the process and ensuring dependable communication between machines and their operators, particularly in harsh environments.

By developing application software, mobile controllers and robust sensors, we ensure that our customers benefit

from maximum safety and equipment uptime.

We are system integrators, supporting our customers through all project phases: from analysis and concept evaluation, through system design and project planning to prototype testing and field launches. Our safety experts support certification processes and are available for seamless life cycle management.