



MEET JOBSITE REQUIREMENTS

# PROTECT YOUR PEOPLE, PROTECT YOUR EQUIPMENT



FROM A2B TO LMI  
ONE PANEL.  
ONE SYSTEM.  
ONE PHONE CALL.

# ONE PANEL. ONE SYSTEM. ONE PHONE CALL.

## QUICK EASY INSTALLATION

Simple design allows users to install our systems on their own cranes in a matter of hours, with no technician required. Great service support is always available when, and if, necessary.

## ACCURATE

All systems are factory calibrated to certification-level accuracy.

## EXPANDABLE

Our adaptable technology will fit your budget and provide what is needed when it's needed. Start with a simple load indicator today, and expand to a full LMI system later on with ease.

## OPERATOR FRIENDLY

A simplified user interface and new color touchscreen display allows operators to become experts within an hour.

## MEET JOBSITE REQUIREMENTS

The experts at Cranesmart are well informed of jobsite requirements around the world. We can help identify and achieve exactly what's needed for any crane.

## BUILT TOUGH

Our systems are designed to work in all environmental extremes. Temperatures from  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$ ), saltwater spray, sand storms or 100% humidity are no problem. Hazardous locations certified equipment is available.

## SERVICE

At Cranesmart, we enjoy taking care of our customers. You can count on our friendly, knowledgeable, and experienced staff to provide any information and equipment required, hassle free.



## CUSTOM APPLICATIONS

We strive to meet any crane safety challenge put forth by our customers, including large capacity cranes, lineriders, load pins, and unique, non-crane applications. Custom systems are engineered to the specific needs of the customer.

# COMPONENT OVERVIEW



## DISPLAY PANEL

- > Main display, receiver, and control module for the Cranesmart system
- > Clearly displays sensor transmissions for the operator
- > Internally handles all software logic and menu interfaces
- > Function kickouts available
- > Output to existing function kickouts, computer or PLC



### LOAD CELL

- > Wirelessly transmits weight on the lift line to display panel
- > Various sizes available: 7.5K, 15K, 25K, 40K, 50K, 80K, 120K



### LOAD PIN

- > 360° free-rotating load sensor
- > Factory calibrated, no adjustment required
- > Minimum 5:1 safety factor



### ANGLE INDICATOR

- > Wirelessly transmits boom angle information to the display panel
- > Accurate to within 0.1°



### CABLE REEL

- > Wirelessly transmits positional information to the display panel
- > Custom-fitted to each application



### A2B

- > Monitors the counterweight on the slow speed line of a travelling block
- > Wirelessly transmits alarm signal when the block contacts the counterweight



### LINERIDER

- > Wirelessly transmits weight on the blocks to the display panel
- > Accurate to within 1% of actual load, to a load resolution of 100 lbs



### LEVEL INDICATOR

- > Indicates if a machine is level, sending an alarm signal if necessary
- > Useful where ground thaw, sinking mud, or extreme wind are factors



### WIND SPEED INDICATOR

- > Wirelessly transmits wind speed range of 15-80 MPH
- > Useful where operations are required to shut down due to extreme wind

## FULL LMI SYSTEM

- > The complete 'Load Moment Indication' system
- > Combines load measurement, angle sensing, and anti-2-block functionality





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## MEETING OR EXCEEDING COMPLIANCE REQUIREMENTS

Cranesmart safety equipment is approved and meets and/or exceeds the guidelines set forth by the following regulatory bodies:

