



# Cranesmart System

FOR SERVICE CALL 1-888-562-3222



**FROM A-2-B TO LMI**  
One panel. One system. One phone call.

The Cranesmart System is an investment in today's technology. It will change the way you think about outfitting your cranes with safety equipment.



# CRANE SMART™

## SYSTEMS



### OUR COMMITMENT

Providing the highest quality crane safety systems while maintaining an exceptional service program.

We are the industry leaders in crane safety technology. Cranesmart Systems manufactures wireless Cranesmart load moment indicators, load monitors, anti-2-block systems, boom angle indicators and windspeed indicators for any crane, or other winch line applications, on or offshore. These systems are used extensively worldwide.

Cranesmart load cell, boom angle transducer, anti-2-block switch and display panel.



### Crane safety. Made simple.

#### Accurate

Cranesmart load cells are so accurate that they are approved by API and DNV for load testing of cranes and competitor crane scales.

Not only are they shipped pre-calibrated, these state-of-the-art systems are designed to self-calibrate, virtually eliminating the need for test weights or recalibration procedures.

With no moving parts these systems do not require maintenance or frequent calibration

#### Reliable – No Moving Parts

The Cranesmart System is the culmination of years of product testing and development, resulting in the most reliable and maintenance-free crane safety equipment in the industry.

Our products are the industry standard in wireless crane safety equipment, with over 28,000 installed systems

You can count on our service. Hundreds of customers do every year. We take great pride in assuring your complete satisfaction with our crane safety products.

Available five-year warranty.

#### Expandable

The Cranesmart System may be ordered as an anti-2-block system, an angle indicator, a load monitor or a complete load moment indicator.

You can expand the system to suit your needs. For example, add a load cell to an anti-2-block system with one phone call.

Information from one or multiple transmitters is displayed clearly on a single display panel. Systems are built with user friendly features, making installation and operation simple for any crane operator.

Clear night display





## Just a few reasons to use The Cranesmart System:

**EASILY INSTALLED** Since all components are wireless the systems requires no hard wiring on the boom of the crane. The load cells are pinned to the headache ball, dead end or the block. Install a complete LMI in as little as three hours.

**EASILY CALIBRATED:** Systems ship calibrated and are self-calibrating. No need for manual multiplication of indicated weights.

**OPERATOR FRIENDLY:** Crane operators enjoy a maintenance-free system that is simple to understand and operate. Owners appreciate protecting their equipment while satisfying safety regulations. An easy to read digital display continually provides information to the operator.

Simple buttons on the panel allow the operator to set high/low alarm resets. Display panels are also available in many languages. Metric and Imperial units are standard - changed with the push of a button.

**ACCURACY COUNTS:** Pinning the load cells in line with the crane's cable is the most accurate and reliable method of measuring the load on the hook. Load cells remain accurate to +/-1% while angle indication will stay accurate to half a degree for years.

**SELF CHECKING IN DESIGN:** Advanced 'handshake' technology provides warning lights that alert the operator of system malfunctions. Low battery indicator light provides three weeks notice that a replacement battery is needed.

**BUILT RUGGED & WATERTIGHT:** Our marine system is proven in salt-water environments. Components are built rugged and are environmentally sealed to ensure reliable operation through weather and usage extremes.



Cranesmart Boom Length/ Angle Transducer

Operating temperature: -40 to 140 F (-40 to 60 C). 5+ year battery life is standard. Our company continues to build its reputation with systems that work in the toughest crane environments.

**HAZARDOUS LOCATIONS** Cranesmart System components are available with intrinsically safe or Class 1, Division 2 ratings and are suitable for operation in hazardous areas. Cranesmart products are ideal for all oilfield applications.

**FIVE STAR SERVICE:** Experience a new industry standard in product service and support. Most service issues can be handled with a single phone call and resolved within 24-48 hours if replacement or

exchange components are required. Loaner/exchange systems are available during repair.

We enjoy taking care of our customer's needs.

The Cranesmart System is the most reliable and maintenance-free crane safety equipment in the industry.



Cranesmart Wind Speed Transducer

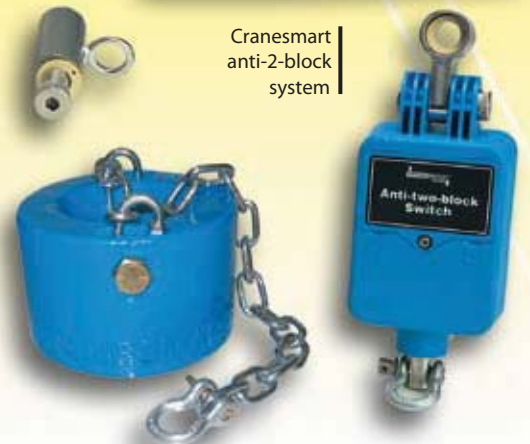
## Meeting or Exceeding Compliance Requirements:

The low power radio transmitters in these systems are safe for use in close proximity to electronic detonators, and will not cause interference for other radio devices. The Cranesmart System is protected from interference generated by other sources.

Our products meet or exceed the requirements set forth by ABS, ANSI, API, ASME, CALOSHA, CE, City of New DNV, FCC, OSHA, SAE, U.S. Army Corps of Engineers, U.S. Coast Guard, UL, U.S. Navy, and others.



Cranesmart anti-2-block system





## How can we meet your crane safety needs?

Call the professionals about rigging up your crane today!

Telephone:  
1.888.562.3222 (toll free)  
1.780.437.2986

Fax:  
1.888.562.8215 (toll free)  
1.780.438.9448

New Sales Inquiries:  
info@cranesmart.com

Web Site:  
www.cranesmart.com

Equipment Service Inquiries/  
Customer Support:  
1.888.562.3222 (toll free)  
1.780.437.2986

All Service Inquiries:  
service@cranesmart.com

Head Office:  
4908-97 Street  
Edmonton, Alberta  
Canada T6E 5S1



Gulf Coast Office:  
Telephone:  
1.877.867.8049 Toll Free  
1.985.867.8049

Address:  
P.O. Box 1540  
22215 Prats Dairy Road  
Abita Springs, LA  
70420 U.S.A  
info@cranesmartamerica.com

## The Cranesmart LMI System:

The Cranesmart LMI system has no moving parts, no hydraulic hoses and consists of solid state components each with a five year battery life. It provides the information that crane operators need to lift safely and securely with unequalled accuracy and reliability. The display panel has a large clear display that is easy to read and understand, day or night.

The following display information is available at a glance:

- Boom angle
- Boom radius
- Maximum rated load
- Actual load lifted
- Load as a percentage of maximum
- Current load chart title

The following information is displayed with the push of a button:

- Tip height
- Boom length
- Parts-of-line
- Load chart details
- Wind speed
- Azimuth (slew - out of level indication)
- High and low presets

The Cranesmart System provides an alarm and output signal for function shut-downs under the following conditions:

- Approaching two-block
- Min/max angle exceeded
- Min/max load exceeded
- Min/max radius exceeded
- Min/max tip height exceeded
- Maximum rated load moment exceeded
- Wind speed exceeded

## Custom Applications



Cranesmart Line Rider Transducer

Cranesmart Systems has provided many custom units for unique applications. We strive to meet any crane safety challenge put forth by our customers, including large capacity cranes, line riders, load pins, and non-crane applications.

Custom systems are engineered to the specific needs of the customer. Each custom application is quoted on an individual basis. Call us directly for quotes.



Providing lifting solutions  
for every need

pmindustries.ca

Toll Free: 1-855-656-1689