

*Crane Indicators are our Business!*

# Wylie i3500

## i3500 LMI with Pressure Transducers for Knuckle Boom Crane

Crane Warning  
Systems Atlanta  
1-877-672-2951 Free  
1-770-888-8083 Direct  
1-678-261-1438 Fax  
www.cwsa.biz



### Specifications:

Display rated IP65

Fully sealed against weather and corrosion.

Display Dimensions:  
6.25"x8.5"x3.0"

Operating Temperature -4 to 140 F, -20 to +60 C

Power Supply Range 10.2V to 36V DC

Audible Alarm: 80Db

Memory Capacity: Up to 10000 duties

I/Os: 6 analog inputs, 4 analog outputs, 17 digital inputs, 5 relay outputs

### Kit for telescopic knuckle boom crane includes:

i3500 display with chart programming

(2) pressure transducers

Cable reel with length sensor

(2) boom angle sensors

Relay control box

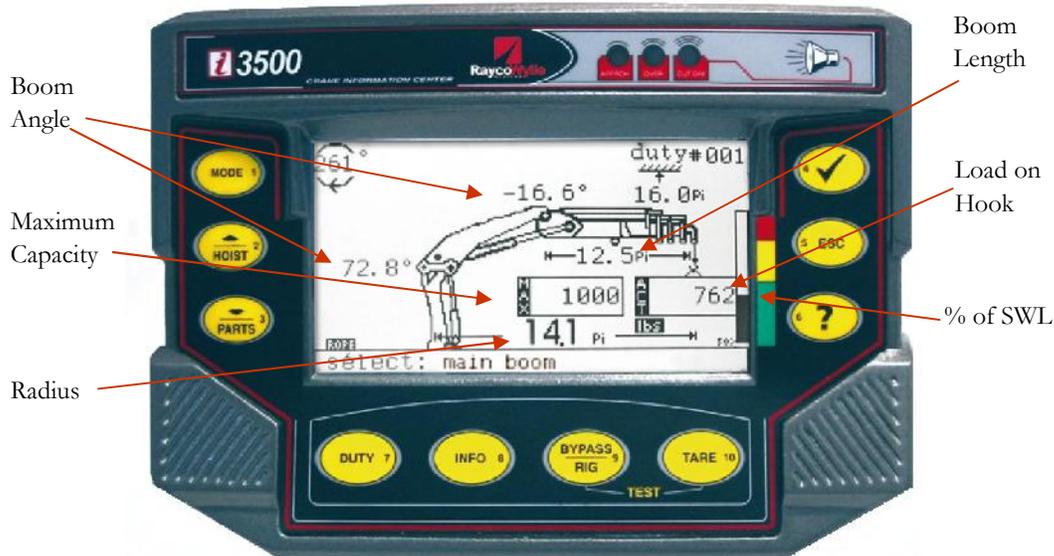
CAN bus controllers for each sensor

Connecting cables

System manual

Optional equipment:

ATB switch and weight, proximity sensors for quadrant charts, wind speed, range limiting and slew angle sensor.



The i3500 knuckle boom version is designed to meet the growing demand for LMI systems for knuckle boom cranes. The i3500 is a CAN bus system that uses a single cable network to each sensor. This makes it less susceptible to RF interference and easier to troubleshoot. The display shows all the necessary information on its graphic display screen. The display includes a bar graph representing the percentage of safe working load. For a quick reference of current capacity. The system warns of approach of overload and anti-two-block. The internal relay is triggered for overload and ATB for use with a lock out system. The system also has optional software and sensors for data logging that records all the crane lift information as well as range limiting features. The i3500 has enough processing power and onboard memory to handle most lattice and hydraulic cranes. The display is extremely flexible so it can be customized to meet many different applications or custom requirements.

### Why choose a Wylie i3500 Knuckle Boom Crane System?

Wylie's proven product history can't be matched. In business since 1933!

Wylie pioneered the first crane overload system in the world!

CAN Bus technology reduces interference and makes troubleshooting easier.

Powerful processor with large onboard memory that allows for huge load charts and extra options such as data logging and range limiting!

Cutting edge design and technology that's user friendly and reliable!

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**Graphical display:**

Central processing unit of the **i3500**.

**CANbus relay box:**

This card actuates the relays according to commands received on the CANbus link.

**Pressure sensor:**

Highly sensitive, built for precise lifting and weighing in harsh environment.

**Slewing sensor:**

Indicates the slew angle of the boom.

**Angle sensor:**

Indicates the boom angle.

\*Optional: Anti-Two-Block system



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