



Engineered Wireless Crane Indicator Solutions
For Crane and Lifting Applications

Our Products

GS820 Display

View up to 20 fields of data at one time on the sunlight readable GS820 LCD display. It features 8 programmable buttons, onboard data logger, and USB port for data logger download-load chart upload. Users can switch between text and graphical screens. The GS820 can monitor up to 32 wireless sensors.

GS550 Display

The GS550 Wireless Display/Receiver is an ideal lower cost product blending sunlight readable display, large visible LCD characters, onboard data logger, and USB port for data logger download-load chart upload

GS550 Battery Powered Display

Has all of the features of a standard display, but users can enjoy the portability of battery power. Standard kit comes with car and wall chargers, 4 hour recharge time.

GS375 Wireless Anti-Two Block Display

The GS375 Wireless A2B Display/Receiver is capable of monitoring up to 2 Wireless A2B Switches. It will output a signal to optional lockout valves in the event of an A2B alarm.

GS320 Wind Speed Display

The GS320 features a 2 character LCD display with user settable wind speed limit. The display can show wind speed units in MPH or Meter per Second (M/PS). Multiple displays can monitor data from 1 wind sensor.

GS010 Angle Sensor

The GS010 Wireless Angle Sensor offers users 3 range options: -130 to 90 degree span, 360 degree span and list/trim angle measurements for barge/rail applications. Accuracy is 3/10ths of a degree. There are no moving parts.

LS101 Cable Reel-Angle Length Sensor

The LS101 Cable Reel with Wireless Length/Angle Transmitter is simple to install and calibrate. A wireless transmitter eliminates the cable running between the reel and the system display, sending angle and length data wirelessly to the display.

GS020 Wind Speed Sensor

The GS020 Wireless Wind Speed/Anemometer Sensor is designed for rugged crane/lifting/general industry applications. The GS020 will not transmit when the display is powered off, saving battery life.

GS Series Wireless Receiver Card

The GS Series Wireless Receiver Card will communicate with up to 32 wireless sensors providing output of the wireless signals directly to a PC, PLC or proprietary display. Output options can include: RS232, RS485, CAN-Bus, 4-20mA

GS Series Wireless Transmitters

GS Series wireless transmitters offer user a 4,000 foot/1,300 meter range, powered by 1-D Cell Lithium Battery. Users can achieve up to 4 years of battery life. The GS Series can be integrated into a wide variety of applications and setup to communicate with a wide range of industrial sensors and applications.

GS Series Load Cells

GS Series Load cells are available in standard sizes ranging from 2.5 tons to 85 tons. All GS Series load cells ship pre-calibrated, eliminating the need for test calibration weights. Our load cells are made standard from 17-4 stainless steel.

GS Series Load Pins

GS Series Load Pins are often an ideal solution for applications where hook height is critical to the application. We can custom build any size of Load Pin.

GS Series Line Riding Tensiometer with Rope Payout Option

GS Series Wireless Line Riding Tensiometers an ideal solution for cranes or lifting equipment with applications where the hook is going into the water or is working in the blind. We eliminate hard wired cable connections and cable storage reels. Users can add optional rope payout and rope direction.

GS Series Compression Washers

GS Series Compression Washers are designed to fit on the yoke of the hook block, affording maximum hook height. Custom sizes can be manufactured upon request.

Wireless & Mechanical Anti-Two Block Switches

LSI offers three versions of A2B Switch. The LS051 is a mechanical switch that features a user replaceable switch mechanism. The GS050 is a wireless A2B switch that offers wireless communication and flexibility for all crane applications. The GS075 is our latest wireless A2B switch that features the A2B switch mechanism being integrated directly into the weight and chain assembly.



Wireless Technology & Innovation:

LSI is an innovative leader in the development of wireless technology for the crane and lifting industry. Our current generation GS Series features Direct Sequence-Spread Spectrum Two Way Radio technology. We are the first company in our technology sector to use Direct Sequencing.

It required considerably more engineering time and dollar investment on our part than had we invested in the older Frequency Hopping technology used by others, but for you the user this provides you with a more robust wireless technology that WILL work in market conditions where others won't.

Our products are used by the Navy, Coast Guard, shipbuilders, oil producers, crane rental companies, construction companies, those that depend on a proven technology that they can trust and protect lives with. Please see our wireless technology data sheet.

Engineering

LSI designs all aspects of our systems in-house. This includes electrical, mechanical and software engineering. For you our product users, you can be assured that this expertise is reflected in our product functionality and reliability. We do not outsource our wireless technology development, we are in complete control of how it works, why it works. You can rest assured that our engineering team has your best interests in mind when we develop and long term support our technology.

Manufacturing

LSI goes to great lengths to ensure that you receive a quality made, reliable product. All sensors and displays are burnt in from -30c to +85C in a temperature chamber for increased, long term reliability. Sensors are temperature compensated to ensure that you have reliable, accurate products whether you are in the Canadian Arctic or the deserts of Dubai.

We perform a Phased Array 3D examination of each stainless steel bar that we purchase for our load cells, we dye penetrate test through machining and heat treating processes, then heat treat them to H1150 to eliminate any chance of cracking.

Technical Support

When you buy an LSI product, you are investing in a technical support team that is 2nd to none in our industry. We offer technical support world wide, 24 hours a day-7 days a week. Whether you have a how to, can I, or a product functionality question, you can rely on LSI. We have specialists for Mobile Cranes, Tower Cranes, Container/Gantry Cranes, Offshore/ Marine Cranes.

They understand your business and the need for uptime, not downtime! Phone, email and onsite field support are but a call away!

Sales

At LSI we have one of the best crane/ lifting application sales team found in the industry. Our Regional Sales Managers live on the street. They are on the road week in and week out on job sites, working with customers like you, understanding your needs and identifying which LSI product will best provide the solution required for your application.

Our field sales efforts are complimented by our team of inside sales representatives. They are an invaluable resource for product quotations, product information, order tracking, or any type of sales support assistance that will further your positive experience with LSI.





USA CORPORATE OFFICE

9223 Solon, Suite A
Houston, TX 77064

Toll Free Phone: 888.819.4355
Direct Phone: 281.664.1330
Toll Free Fax: 888.238.4099
Direct Fax: 281.664.1390
Email: sales@loadsystems.com

CANADIAN CORPORATE OFFICE

4495 Blvd. Hamel, Suite 110
Quebec City, QC, Canada G1P2J7

Direct Phone: 418.650.2330
Direct Fax: 418.650.3340
Email: sales@loadsystems.com

DUBAI CORPORATE OFFICE

Q3-171 SAIF Zone
PO Box 7976
Sharjah - UAE

Tel: +971 6 557.8314
Fax: +971 6 577.8315
Email: lsifzc@emirates.net.ae