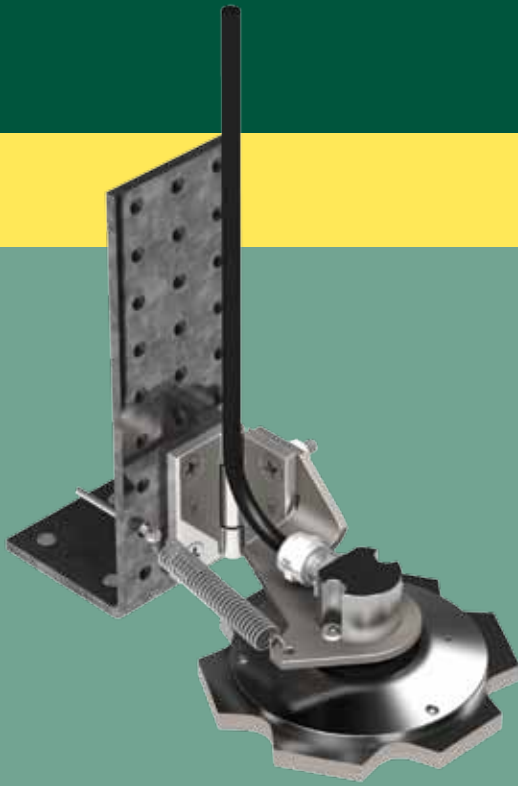


# GS031

## WIRELESS SLEW SENSOR

### AND WORK AREA DEFINITION SOFTWARE



### THE LATEST SOLUTION TO MONITOR THE SLEW/SWING ANGLE OF YOUR CRANE ACCURATELY AND EASILY

The LSI GS031 Wireless Slew Sensor offers a way to measure the angle of rotation of the crane upper structure to the lower superstructure with less hassle.

In today's ever-growing safety-conscious marketplace, many crane users require the ability to define a work area that will prevent the crane from coming into contact with overhead power lines, buildings and equipment on the job site.

The LSI GS031 Wireless Slew Sensor offers a market first, a wireless slew sensor that allows the crane operator to monitor the crane upper/house position and activate work area definition software on the LSI display.

The GS031 Slew Sensor has a mating gear that rides on the outer surface of the slew gear teeth of the crane.

The GS030 Wireless Slew Sensor Transmitter is connected to the slew sensor. This provides wireless communication between the in-cab display and the slew sensor. This eliminates the often messy and time-consuming installation of a cable between the display and slew sensor.

The LSI GS550 and GS820 displays offer software to define a work area definition application as a standard feature. Users can easily set up a 3D limit for radius, tip height.

The slew sensor system requires the encoder assembly, the sensor transmitter and any compatible LSI display. All information is sent to the cab mounted display for limit monitoring, load chart selection, work area definition and crane function lockout.

Several gear models are available to adapt the slew sensor to slewing rings with different tooth sizes. LSI will provide you with the right size based on some easy measurements.

As with many of our products, the GS030 Wireless Slew Sensor Transmitter features potted electronics for increased water protection. This is an advantage in humid environments and in applications where water damage is possible.

The slew sensor is capable of withstanding temperatures ranging from -40°C to 85°C or -40°F to 185°F. This wide range allows for more versatile application possibilities.

