

GATEWAY ROUTER



OUTPUT OPTIONS INCLUDE:

CAN Bus
CAN Bus J1939 compliant
RS232
USB (standard)

INCREASE PRODUCTIVITY IN CRANE, LIFTING AND CUSTOM APPLICATIONS WITH THE GATEWAY ROUTER

The LSI Gateway Router is an effective interface device that allows users to forward wireless data from any LSI sensor or transmitter directly to a PLC type device or PC computer.

The Gateway Router has the ability to forward 32 individual two-way communication signals or an unlimited number of one-way communication signals.

The Gateway Router's direct-sequence spread-spectrum radio technology operates in the 915 MHz range with FCC approvals for North America and 868 MHz for CE applications.

Our direct-sequence spread-spectrum communication is hosted by an LSI designed and manufactured radio chip. This chip has been field proven to work in high RF areas.

LSI is not at the mercy of a 3rd party vendor, so we can control how and why the radio chip performs. Often, this is not the case with competitive systems.

The Gateway Router will monitor sensor and transmitter data, radio power levels, frequency of transmission and battery usage. The communication range averages 4,000' or 1,300 meters, offering the best range of any device found in the market.

Today there are many wireless manufacturers using 2.4 GHz or 5.8 GHz. A key challenge with these frequencies is their lack of robustness when operating in industrial applications.

The 915 MHz and the 868 MHz are much better suited for having the signals move in and around objects and obstructions as seen in typical industrial landscapes.

Data can be sent from the LSI Gateway Router directly to a PC or to a PLC device. Output options include: CAN bus, CAN bus J1939, RS232, or USB.

In addition, LSI can provide you with our PC based Dashboard Software to host the viewing of sensor and transmitter data on a PC. The Dashboard software gives you the ability to easily and quickly customize a screen interface that suits your specific application, providing live viewing and monitoring of critical data.

