



# Twin Link Series Wireless Transmitter/Receiver & Signal Repeater

Effortlessly bridge the gap between remote devices with the Define Instruments Twin Link Point-to-Point Wireless System. Designed for industrial environments where cabling is costly or impractical, this pre-paired solution delivers reliable signal transmission up to 0.9 miles line-of-sight with the included antennas. With universal analog inputs, scalable 4-20mA outputs, and flexible digital I/O, Twin Link simplifies setup and ensures seamless control and monitoring. Configure in minutes using the intuitive Define ToolBox software and extend your reach by adding up to 15 repeaters to your Twin Link system. No configuration required when used in the default transparent mode for 4-20mA and discrete signal passing with robust, out-of-the-box wireless connectivity.



Part No. [DEFINE-TWIN-LINK](#)



Part No. [DEFINE-REPEATER](#)

## Features

- Transmits signals up to 0.9 miles line-of-sight, perfect for remote field applications. Transmits 300-500ft through walls and building materials, ideal for complex indoor industrial environments as well, using included antenna.
- Accepts a wide range of inputs (thermocouple, RTD, mA, frequency) and provides two isolated 4-20mA outputs for seamless integration.
- Out-of-the-box ready for 4-20mA and discrete signal applications, minimizing setup time and technical expertise needed.
- Easy Configuration via USB programming cable ([DEFINE-BRIDGE-KEY](#) required) with Define ToolBox software ([DEFINE-TOOLBOX-SW](#)), enabling quick scaling, customization, and control (Programmable temperature and pump control logic).
- 4 digital inputs, 2 digital outputs, and 2 relay outputs per node for advanced control, alarms, or pass through (transparent mode).
- Industrial-grade design with 1400Vrms isolation, IP20-rated DIN rail mount casing, and FCC/CE approval for dependable performance.
- Optional repeaters allow for line of sight around obstacles and boost transmission distance.
- Eliminates expensive cabling, reduces installation time, and supports both transmission and control in one system.
- 5-year warranty



## Define Instruments Twin Link Series Wireless Selection

Part No.	Description	Manufacturer Specifications	Manufacturer Manual	Weight (lb)	Drawing Link	Price
<a href="#">DEFINE-TWIN-LINK</a>	Define Instruments Twin Link series wireless signal transmitter/receiver, isolated, Input: 2-channel, current/ bipolar voltage/frequency/potentiometer/thermocouple/ RTD, deg F or deg C, Output: 2-channel, loop powered current, ZigBee: 2.4 GHz, 9-36 VDC operating voltage.	<a href="#">PDF</a>	<a href="#">PDF</a>	0.92	<a href="#">PDF</a>	\$675.00
<a href="#">DEFINE-REPEATER</a>	Define Instruments Twin Link series wireless signal repeater, ZigBee: 2.4 GHz, 9-36 VDC operating voltage, 35mm DIN rail mount, screw terminals.	<a href="#">PDF</a>	<a href="#">PDF</a>	0.38	<a href="#">PDF</a>	\$260.00

For complete technical information and installation see [Manufacturer Tech Specs](#) and [Manufacturer Manual](#) links.



## Define Instruments Twin Link Series Wireless Accessory

Part No.	Description	Manufacturer Manual	Weight (lb)	Price
<a href="#">DEFINE-BRIDGE-KEY</a>	Define Instruments fob USB adapter, for use with Define Instruments <a href="#">DEFINE-TWIN-LINK</a> and <a href="#">DEFINE-REPEATER</a> . (1) 2.3ft interface cable and (1) 3.2ft/1m USB extension cable included. Requires <a href="#">DEFINE-TOOLBOX-SW</a> configuration software.	<a href="#">PDF</a>	0.208	\$65.00

For additional information see [Manufacturer Manual](#) link.



# Windows Configuration Software

## DEFINE-TOOLBOX-SW

### FREE Download

Easily configure and optimize your Define Instruments Twin Link Point-to-Point Wireless I/O system with the intuitive ToolBox software. Designed for simplicity and power, ToolBox enables rapid setup of the Twin Link's universal analog inputs, 4-20mA outputs, and digital I/O, all in under 60 seconds via USB Bridge Key. Select from pre-calibrated input ranges, scale outputs with ease, and program sophisticated setpoint functions for alarms, remote control, temperature control, or pump operations. Simulation Mode enables configuration testing without hardware, making it ideal for troubleshooting or pre-deployment planning. The Import/Export feature simplifies backups and cloning, while Configuration Certificates provide professional PDF summaries for easy sharing and record keeping. Whether you're a novice or expert, ToolBox delivers flexible, click-and-select options to streamline your wireless signal transmission, ensuring reliable and consistent setup. Download ToolBox from [AutomationDirect.com](http://AutomationDirect.com).

Easily connect, configure, simulate, and monitor.

