

Deltas between the LRP820 and LRP830 products

The LRP820-04, -08, and -10 plus the LRP830-04, -08, and -10 constitute a family of products. The antennas (-04, -08, and -10) are interchangeable between the LRP820 and LRP830 transmitter/receiver and cause the same transmission and reception of data with the RF/ID tag. By design, with the exception of the following 5 points, the LRP820 and LRP830 are identical:

- LED Behavior relating to the Bus
- Product Label (with LED legends)
- Bus interface connector
- Bus daughter board
- Communications protocol over the bus

The device functionality is the same from the RS232 or RS422 connection for both the LRP820 and the LRP830. The only difference from an electrical point of view is the Bus daughter board and the connector attached to it. The same software and PLD equations are used in the LRP820 and LRP830 digital board. The same analog board (interface, transmitter and receiver) is used in both products and more importantly, the same alignment procedure is performed on the analog board regardless of the product it is placed into.

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