

Operational description

RY24TL-01DT is built into an electronics product.

RY24TL-01DT provides serial interface which speed is 115kbps and converts serial interface into wireless interface that is bi-directional.

RY24TL-01DT is connected to the product main body through a 12pin connector (CN1) with flexible cable and power and serial command are supplied from main body.

Serial command length is 16byte for up packet, and 8byte for down packet.

(Main body is upper side)

RY24TL-01DT has 24bit user ID and 16bit fixed ID (Total 40 bit ID) and user ID can read and re-write through the serial interface.

RY24TL-01DT has OUT DETECT terminal that indicate a quality of communication.

Main body can monitor via this terminal if it is in service area.

RY24TL-01DT has a mechanism to coexist with same products. (Max 6 sets)

| | |
|---------------------------|--------------------|
| Frequency Range | : 2,404 – 2,480MHz |
| Number of Channels | : 9ch |
| Modulation Method | : GFSK |
| Data rate | : 1Mbps |
| Output Power | : 1.5mW |
| Minimum Transmit Interval | : 720us |
| Max Transmitting Time | : 200us |