

Product Introduction:

Metal shell RFD900A data link radio long-distance wireless data transmission module replaces RFD900X.

RFD900A is a 32-bit processor that supports higher baud rates and airspeed, The only difference between RFD900A and RFD900X is that RFD900A does not support PPM SBUS remote control signal merging and forwarding.

Product features and parameters:

RFD900A is a compact and high-performance wireless data transmission module.

1. Without distinguishing between transmission and reception designs, each module integrates a USB serial port chip, and the USB and UART interfaces automatically switch, with USB taking priority;
2. Operating frequency range 902-928 MHz, ISM frequency band;
3. The transmission circuit is designed with a low-noise amplifier greater than 20DB and incorporates a low-pass filtering unit;
4. The transmission power can be adjusted, with a maximum transmission power of 1W;
5. Pre installed high-sensitivity LNA and SAW circuits for the receiving circuit;
6. Outdoor communication distance can reach over 40 kilometers in a straight line (depending on antenna performance and communication speed requirements);
7. The maximum air data rate can reach 250Kbps;
8. Dual antenna interface, supporting antenna diversity and differentiated antenna configuration;
9. Support local radio station AT command configuration and remote radio station RT command configuration;
10. It has module temperature monitoring function and automatically adjusts the duty cycle according to temperature to avoid overheating;

接口示意图

2#天线 1#天线



← ACTIVE状态指示灯
← Communication通讯指示灯

