

D03 Data Link



D03 a dual-link radio is a data link transmission device that can transmit both remote control signals and digital signals simultaneously.

The original remote control signal at the ground end can be enhanced and sent to the airborne end together with the data transmission signal.

It is mainly used to solve the problem of the short distance and low transmission quality of the remote control signal and data transmission signal.

D03 works in 900MHz frequency band, and max transmission range can reach 30km. Compact size, high integration, high sensitivity.

- ★ Industrial grade data link module ensures the data transmission range and stability at NLOS.
- ★ Compact size, lightweight is ideal for small UAVs.
- ★ Low power consumption and anti-interference design is very suitable for NLOS data transmission and control system for UAV and robot.



- ★ 10-30km transmission range, adopting frequency hopping technology for super strong interference performance.
- ★ SBUS remote control distance extension solves the problem of insufficient RC control distance.

- ★ Multi indicators, easy to get the working condition

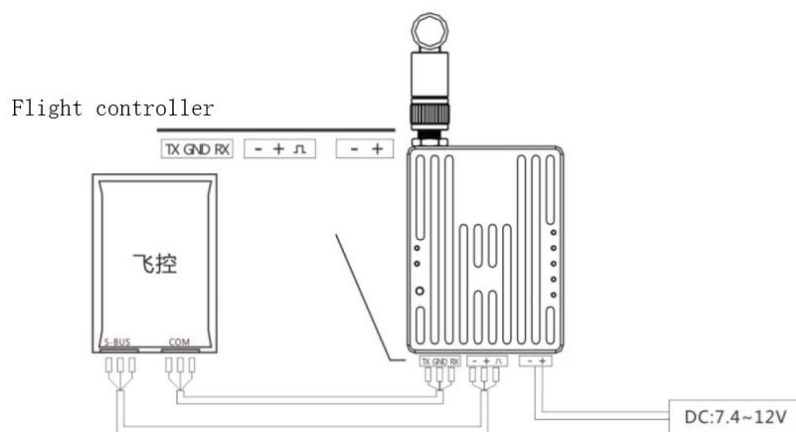


Parameters

D03		
Item	Parameters	Note
Frequency	902-928MHz	
Power	0.1-1w	adjustable
Data rate	100k/200k	adjustable
Baud rate	1200-115200	adjustable
Ground unit (Transmitter)	SBUS port*1; USB port*1	
Airborne unit (Receiver)	SBUS port*1; Serial port*1	Serial port is full duplex serial port, TTL signal
Operation current	500mA	12v power input
Power input	7.4-12v	
Transmission range	5-30km	Depend on the environment
Operation temperature	-10°C~+60°C	Humidity 5-95%, RH
Dimension	53mm*40mm*14mm	
Weight	43g	

Connection Diagram

Airborne End



Ground Terminal

