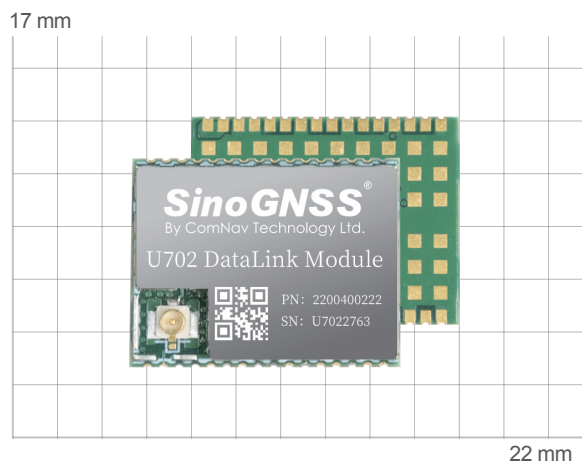


U702 Data Link Module

Datalink Module

Ver.2023.03.15



Size: 17mm×22mm×3mm

Weight: 5g

U702 Data Link Module

The U702 datalink module is a RX/TX data link module that incorporates advanced CSS digital modulation technology, making it ideal for RTK real-time data transmission. The module supports LoRa modulation technique, offering long range and low power consumption. Its compact surface-mounted design enables easy integration. The module is available in optional power consumption modes, 0.025W and 0.1W, and is certified by both CE and FCC, ensuring its suitability for use in high-precision consumer applications.

Features

Support LoRa for long work range & low power consumption

Work as TX/RX mode
410-470 MHz/863-870/902-928MHz

Surface-mounted design and small size for easy integration

Working range 0.8km-1.5km

High sensitivity

Support frequency hopping

General

Frequency Range	410-470 MHz/863-870/902-928MHz
Work Mode	Half-duplex
Frequency Stability	1.5ppm
Modulation System	CSS
Air Baud Rate	500bps/1100bps/12500bps/15500bps/18000bps
Protocol Type	LoRa

Electrical

Power Supply	+3.3V ~ +3.6V DC
Emission Current	< 0.2A
Received current	50 mA
Transmit Power	0.025W/0.05W/0.1W

Physical

I/O Interface	LGA 2×16 pin, pin pitch 1.27mm
DTE-DCE Interface	2 × LVCMOS 3.3V
Antenna Interface	IPEX female connector
Size (with connector)	17mm×22mm×3mm
Weight	5g