

Chinowing Technology Co., Ltd

www.chinowing.com

Building B4 1106, Yunzhi Science Park, Guangming Street, Shenzhen, China

hesa@chinowing.com

D02 Data Link

D02 is a data link working in 900MHz frequency band, and the transmission range can reach 30km. It supports point to point, relay, point to multipoint communication. With the compact size, high integration, high sensitivity, D02 is ideal for aerial service.



D02

Data Transmission Radio

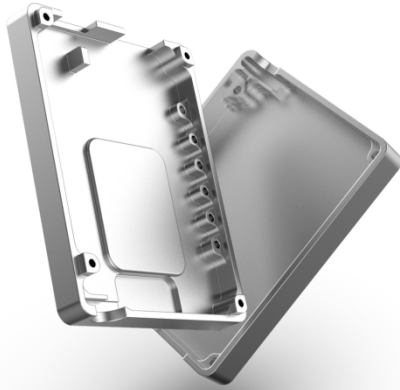
- Dual USB ports & TTL/RS232 port
- Parameters setting software
- P900 module
- 30km transmission range
- Point to point, relay, point to multipoint
- High speed frequency hopping

Chinowing Technology Co., Ltd

www.chinowing.com

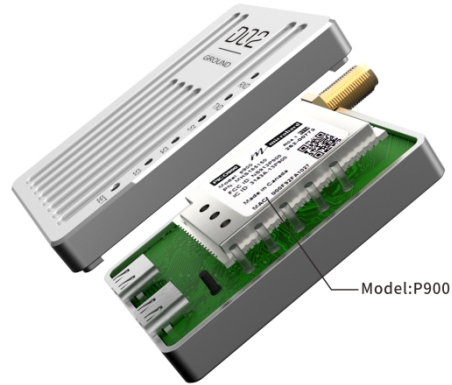
Building B4 1106, Yunzhi Science Park, Guangming Street, Shenzhen, China

hesa@chinowing.com



Aeronautical aluminium alloy housing

Weight only 40g



Built-in P900 module



Universal Parameters Setting Software

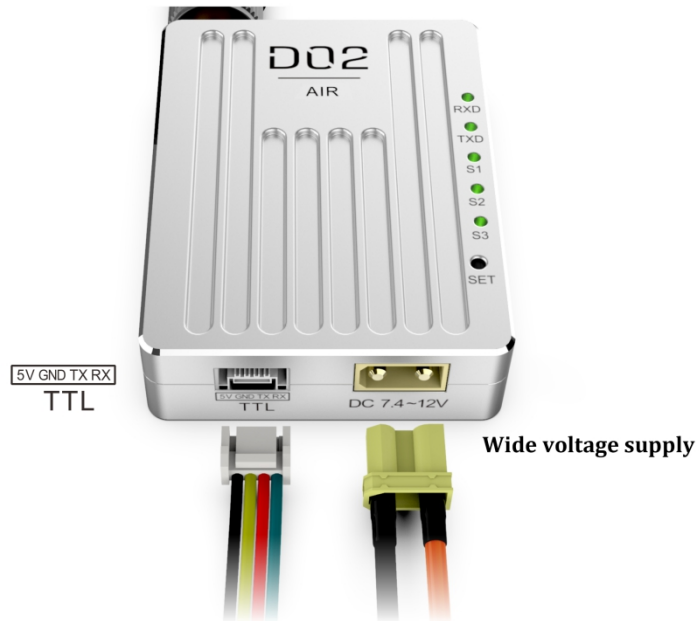
Visual operation, simple and easy

Chinowing Technology Co., Ltd

www.chinowing.com

Building B4 1106, Yunzhi Science Park, Guangming Street, Shenzhen, China

hesa@chinowing.com



TTL interface
232 Level can be customized



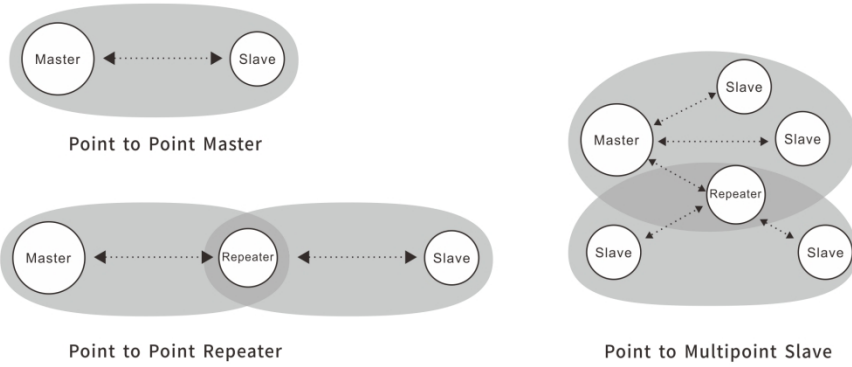
Dual TYPE-C ports
Power-supply with USB 3.0 port for full power output

Chinowing Technology Co., Ltd

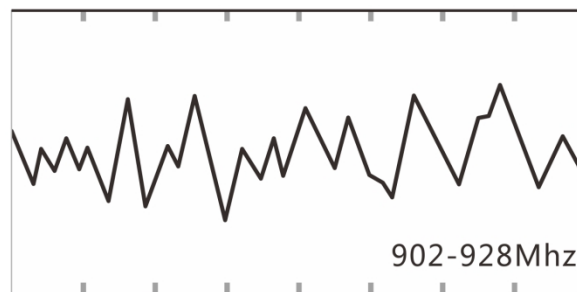
www.chinowing.com

Building B4 1106, Yunzhi Science Park, Guangming Street, Shenzhen, China

hesa@chinowing.com



Support point to point, relay, point to multi-point communication



Support high speed frequency hopping

Chinowing Technology Co., Ltd

www.chinowing.com

Building B4 1106, Yunzhi Science Park, Guangming Street, Shenzhen, China

hesa@chinowing.com

D02	
Item	Parameters
Modulation	Frequency hopping
Forwarding error detection	Hamming/BCH/Golay/Reed-Solomon
Error Detection	Error detection 32 bits of CRC, ARQ
Encryption	Optional(AES128/256)
Output power	100mW~1w(20-30dBm)
Transmission range	30km(depend on the environment)
Serial port	3.3v CMOS TTL(RS232 optional)
Sensitivity	-110dBm @115.2kbps -108dBm @172.8kbps -107dBm @230.4kbps
Transmission protocol	Transparent transmission
Baud rate	9600bps~230400bps(adjustable)
Wireless Link Rate	276kbps max
Power supply voltage	Ground unit: 5.0v; airborne unit: 7.4v~24v
Antenna interface	SMA
Data interface	GH1.25-4P&USB Type-c
Dimension	62mm(L)*40mm(W)*13mm(H)
Weight	40g(exclude antennas)
Operating temperature	-55℃~+85℃