



文件编号: TF-201804107

Tel: +86 029 89693558-801 Fax: +86 029 89693558

Email: [info@redessup.com](mailto:info@redessup.com); [ElsaWu@redessup.com](mailto:ElsaWu@redessup.com); [Lisa@redessup.com](mailto:Lisa@redessup.com)

Address: 588 Feitian Road, National Civil Aerospace Industry Base, Xi'an city, Shaanxi Pro., China

**ToFree Aviation Technology Co.,Ltd**

---

## The specification of B52

---



---

### Parameters:

Wireless Channel	2.4GHZ(2.400 - 2.482 Ghz)
Communication Bandwidth	2/4/8MHZ
RF Transmission Power	2W
Data Rates	1.5/3/6Mbps
RX Sensitivity	-100/-95/-90dbm

---

HDMI Interface	1080P60 HDMI Mini RX × 1
SDI Interface	SDI can be made to order within three months
Ethernet Port	Ethernet to USB /RJ45 on Windows × 1
Ethernet Port to TTL	Supports TCP/UDP
Serial Port(S1 TTL)	3.3V electrical level
Serial Port(RS 422)	Be able to resist 3000v pulsed voltage lasts 60s
Serial Port(RS 232)	Be able to resist 3000v pulsed voltage lasts 60s
SBUS/PPM	S1 TTL Expanding Application
Two-way Voice(S2)	S2 Expanding Application
Power Input Interface	XT30 Industrial Grade DC 7-18V
Antenna	SMA RF *2 2*2 Omnidirectional antennas
Wireless Fault Tolerance	FEC/MPEG
Distance Range	40-70km Notes: True distance is related to the environment.
Total Latency	15—30ms
Reconnection time	Less than 1s after signal has been recovered
Setup time	25s
Adjustment of TDMA	Down QPSK/Up QPSK
Video compression format	H.265 TS Stream
Video color space	Default:4:2:0 Optional:4:2:4/4:2:4
Overall Consumption Power	Transmitter terminal:12W Decoder terminal :9W
Temperature Range	Operating temperature: -40—85℃ Storage temperature: -55 - 125℃
Dimensions	Transmitter terminal:76mm × 73mm × 23mm

	Decoder terminal :76mm×73mmx23mm
Gram	Transmitter terminal:146g Decoder terminal :146g

