



Key Features

- Point to point and point to multipoint broadband and transparent data transmission equipment.
- OFDM (Orthogonal Frequency Division Multiplexing).
- MIMO (Multi-Input & Multi-Output), SDR (Software Defined Radio) and other technologies.
- Supports multiple bandwidth allocation (1.4/3/5/10/20MHz).
- H.265/H.264 codec, Real-time one-way transmission of HD 1080p video, two-way 15200Kbps transmissions of data, two-way Audio, two-way network transmission capabilities.
- Application: UAV. robot image data transmission.

Functional Features

- Support in-band frequency hopping to reduce interference..
- Provides up to 30Mbps data streams with adaptive dynamic stream allocation technology.
- Supports non-line-of-sight (NLOS) high-speed mobile transmission , Transmission distance: 1Km.
- Rich interface: HDMI, RS232, network interface, voice intercom interface.
- Receiver supports 4 ch transmitter max

Technical parameters

Model	SV-D933
On-board side	
Operating frequency	806 - 826MHz / 1428 -14480MHz
Modulation mode	TDD-OFDM
RF power	33dBm
Channel bandwidth	1.4/3/5/10/20MHz
Reception sensitivity	-103dBm@10MHz,-99dBm@20MHz
Transmission mode	full duplex
Transmission distance	Air to ground: 30 km, NLOS: 1Km
RF interface	SMA*2
Data interface	RS232*2, Network (T+, T-, R+, R-)*1, CVBS*1, Voice Intercom*1, HDMI*1
Power supply	DC12
Power consumption	15W
Size specification	102*52*28.8 mm
Weight	160g

Operating temperature	-20°C ~ +70°C
Ground side	
Operating frequency	806- 826MHz / 1428 -1448MHz
RF Power	33dBm, Adjustable
Channel bandwidth	1.4/3/5/10/20MHz
Reception sensitivity	-103dBm@10MHz,-99dBm@20MHz
Transmission method	Full Duplex
RF Interface	SMA*2
Interface	RS232*2, Network (T+, T-, R+, R-)*1, CVBS*1, Voice Intercom*1, HDMI*1
Power supply	D7-24V
Power consumption	15W
Size specification	99*84*26mm
Weight	200g
Operating temperature	-20°C ~ +70°C

Annexes:

Ground side * 1

Onboard side * 1

Antenna * 4