

Viulinx PRO

BUILT WITH  ANALOG DEVICES



Product Feature

- TDD bi-directional link with video/telemetry/RC
- Receiving diversity and dynamic antenna switching
- Low level re-transmission and adaptive frequency hopping
- AES128 & AES 256 encryption implemented on FPGA

Product Parameter

Parameter	Indicator
Frequency	1.4G/2.4G/5.8G(Customizable)
Bandwidth	10MHz
Power	30dBm@1.4G, 27dBm@2.4G, 27dBm@5.8G
Modulation	OFDM
Constellation	BPSK;QPSK;16QAM
FEC	LDPC (1/2, 2/3, 3/4, 5/6)
Duplex	TDD
Downlink throughput	2Mbps ~ 8Mbps
Uplink throughput	600kbps
Voltage	12-26V
Working temperature	-40°C-60°C
Dimension	77.8X47.3X23.5mm
Weight	97g
Video Interface	Ethernet
Other Interface	Serial; PPM/S.bus;
Encryption	AES128/256
Screen to screen latency	<300ms (related to cameras)