

# Viulinx FX 5W

BUILT WITH  ANALOG DEVICES



## Product Features

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

## Communication Distance



150km

## Product Parameters

Parameter	Indicator
Frequency	1.4GHz
Bandwidth	10MHz
Transmission power	37dBm
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
Input voltage	DC 18V ~ 26V
Working temperature	-40°C ~ 60°C
Dimension	176X139.3X27.8mm
Weight	668g
Interfaces	Ethernet*3, Serial*2, S.BUS*2, PPM*1, Power*1
Encryption	DES56, AES256(Optional)