

# Viulinx FX 5W

BUILT WITH  ANALOG  
DEVICES



## Product Features

- Receiving diversity and dynamic antenna switching
- Adaptive modulation & coding scheme
- AES 256 encryption implemented on FPGA
- PTP/PTMP

## 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                        |
| Interfaces          | ETH*3, TTL*2, RS232*2, S.BUS*2 |
| Weight              | 310g                           |
| Dimension           | 108.6×68.3×30.6mm              |
| Input voltage       | DC 12V~36V                     |
| Working temperature | -40°C~60°C                     |
| Encryption          | DES56, AES256 (optional)       |