



PRODUCT FEATURES

- Receiving diversity and dynamic antenna switching
- Adaptive modulation and coding scheme
- Adaptive frequency hopping for jamming resistance
- Fast ground unit to air units pairing in the field
- Easy API integration, pilot and technician interface available
- Dual Camera integration supported
- Offers Bi-and Uni-directional mode for better jamming resistance

COMMUNICATION DISTANCE



PRODUCT PARAMETERS

Parameter	Indicator
Frequency	1.4 GHz or 1.7 GHz or 2.4 GHz or 5.2 GHz
Bandwidth	10MHz
Transmission power	33dBm
Modulation	OFDM
Constellation	BPSK, QPSK, 16QAM
FEC	LDPC (1/2, 2/3, 3/4, 5/ 6)
Duplex	TDD
Throughput	2Mbps ~ 10Mbps (downlink); 600kbps (uplink)
Interfaces	Ethernet*2, Serial*2, S.BUS*2, PPM*I, Power*I
Power consumption	18W (air unit); 10W (ground unit)
Latency	45ms without camera, 150-200ms (camera dependent)
Weight	198g
Dimension	92.5 X 70.3 X 25mm
Input voltage Working	DC 14V ~ 26V
temperature	-40°C ~60°C
Encryption	56 bits and AES 256 optional