UAVSale

RZ-21 Drone Image Transmission Data Link

MD-P00358 · md-rz-21-drone-image-transmission-data-link

Rz-21 UAV image transmission data link is composed of airborne antenna, airborne baseband / video compression / RF module, ground antenna and ground baseband / video decompression / RF module. The product has the characteristics of small volume, light weight, small transmission power, long transmiss

TECHNICAL SPECIFICATIONS

Working distance	6km
Frequency band	UHF
Transmission rate	video data 5.5mbps
Signal modulation mode	OFDM / MSK
Data transmission delay	less than 10ms
Video transmission delay	less than 160ms
Anti interference mode	frequency hopping / adaptive frequency selection
Frequency hopping bandwidth	400MHz
Frequency hopping speed	1000 hops / s
Frequency hopping points	1000 points
Networking mode	support 2-to-8 networking
Video interface	HDMI, SDI
Data interface	422 interface
Video resolution	1920 x 1080
Video frame rate	30 frames / second
Power amplifier power	output power 0.5W (max), adjustable in steps of 1dB
Power consumption	Airborne terminal 12W, ground terminal 16W
Volume	L / w / h 67mmx60mmx23mm
Weight	Airborne terminal 140g
Operating temperature	- 40-55 °C
Storage temperature	- 55-75 °C

CERTIFICATION

Certification status is confirmed per order and is not published in the catalogue listing. Request the current declaration, test reports or conformity certificates from our sourcing team.

ORDERING INFORMATION

Model	RZ-21 Drone Image Transmission Data Link
Part number	MD-P00358
Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

Generated from the UAVSale product catalogue. Figures are manufacturer-supplied and subject to configuration. For the current revision and full documentation set, contact our sourcing team.