



CD05HPT Drone Video Transmitter & Receiver

94 Grams Weight
1080p Ultra High-Resolution Input
Low to 15ms Video Latency
Up to 5Mbps Data Rate
2.4GHz Frequency Range
AES128 Security Protection
5KM Air to Ground Transmission Distance

SPECIFICATIONS

Wireless	
Frequency Range	2402 ~ 2482MHz
Bandwidth	4MHz
Transmission System	COFDM
Error Detection	LDPC FEC, Video H.264/265 Super Error Correction
Data Rate	3 ~ 5Mbps
RF Power	500mW
Receive Sensitivity	-100dBm@4MHz

Video	
Video Input	Mini HDMI
Resolution	Ultra HD 1080p/60fps
Compress Format	H.264/H.265
Color Space	4:2:0 (Default), 4:2:2/4:4:4(Op.)
Latency	15 ~ 30ms

System	
Start-up Time	≤ 30s
Transmission	Video + Duplex Control Data
Data Protocol	SBUS/TTL/MAVLINK Telemetry
Power Consumption	7W (Transmitter) 6W (Receiver)
Power Supply	DC7 ~ 18V Power Supply
Security	AES128 Encryption

Interface	
RF Antenna	SMA × 1
HDMI Interface	Mini HDMI (HDMI Type C) × 1
Serial Port Interface	TTL Serial to USB Connector × 1
Ethernet Interface	Ethernet to RJ45 Connector × 1
Power Input	2Pin to DC Jack Connector × 1

Physical	
Dimension	72 × 47 × 19mm
Weight	94g (Transmitter), 94g (Receiver)
Operating Temperature	-40°C ~ +85°C

ACCESSORIES

					
RF Antenna * 2	Coaxial Cable * 2	HDMI Cable * 2	Ethernet Cable * 2	Data Cable * 2	Power Cable * 2

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