



CD30HPT Drone Video Transmitter & Receiver

- 146 Grams Weight**
- 1080p Ultra High-Resolution Input**
- Low to 15ms Video Latency**
- Up to 5Mbps Data Rate**
- 2.4GHz Frequency Range**
- AES128 Security Protection**
- 30KM Air to Ground Transmission Distance**

SPECIFICATIONS

Wireless

Frequency Range	2402 ~ 2482MHz
Bandwidth	4MHz/8MHz
Transmission System	COFDM
Error Detection	LDPC FEC, Video H.264/265 Super Error Correction
Data Rate	3 ~ 5Mbps
RF Power	2W
Receive Sensitivity	-100dBm@4MHz/-95dBm@8MHz

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	19W (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	76 × 73 × 23mm
Weight	146g(Transmitter), 146g(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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