



CD100Pro Drone Video Transmission Radio

- 680 Grams Weight
- Point to Multi-Point Mode
- Dual Antenna MIMO Design
- Up to 24Mbps Data Rate
- 1.4G / 2.4GHz Frequency Range Optional
- AES128 Security Protection
- 150KM Air-to-Ground Transmission Distance

SPECIFICATIONS

Wireless

Technology	TDD-OFDM / MIMO / 1T2R
Modulation	QPSK / 16QAM / 64QAM
Data Rate	24Mbps @ 10MHz (Peak)
Frequency Range	1428 ~ 1448MHz (Standard) 2401 ~ 2481MHz (Optional) 806 ~ 826MHz (Optional)
Bandwidth	5MHz / 10MHz / 20MHz
Tx Power	40dBm ± 2
Rx Sensitivity	-99dBm @ 5MHz

Physical

Dimension	≤ 122 × 76 × 57mm (Air)
Weight	≤ 680g (Air)

System

Serial Port	1 TTL + 1 RS232 + 1 S.BUS
Video Port	2 ETH or 1 ETH + 1 SDI/HDMI(Customized)
Security	AES128 Encryption
Power	DC12V ~ 24V Power Supply ≤ 30W @ DC12V Power Consumption (Air)

Interfaces

RF Antenna	SMA × 2
Serial Port Interface	JST × 2
S.BUS Interface	JST × 1
Video Port Interface	JST(ETH) × 2 or JST(ETH) × 1 + SDI/HDMI × 1(Cus.)
Power Input	XT30

ACCESSORIES

OMNI Antenna for Air Unit × 2
 OMNI Antenna for Ground Unit × 1
 Directional Antenna for Ground Unit × 1
 ETH Cable × 2 or ETH Cable × 1 + SDI/HDMI Cable × 1 (Customized)
 Serial Cable × 2
 S.BUS Cable × 1
 XT30 Power Cable × 1
 VTA-Manual (Manual Tracking Antenna System) × 1