



CUAV

P9 900MHZ Radio Telemetry Wireless Transmission Module

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\$629.00

SKU: 708252  
Weight: 0.10 KGS


Quantity:

▼

1

▲

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Description

P9 Radio is CUAV ultra-vision UAV data link communication module, which has high power, high speed in frequency hopping and high reception sensitivity. This P9 datalink is compatible with both pixhawk and pixhack flight control. CUAV P9 Radio has a super long range, max distance is up to 40km. P9 Radio is ideal for applications in UAV communication system.

- Your Purchase Includes:**
- 2x P9 Radio
  - 1x 3-12S Power supply module
  - 2x 900MHZ Antenna
  - 1x Micro USB cable
  - 1x PIXHACK Data Cable
  - 1x PIXHAWK Data Cable


[XCTU Configuration Platform](#)



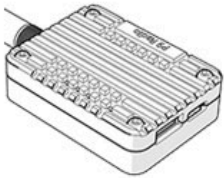
Frequency	902-928 MHz
Spreading Method	Frequency Hopping
Forward Error Detection	Hamming /BCH/Golay/Reed-Solomon
Error Detection	Error Detection 32 bits of CRC, ARQ
Encryption	Optional (see –AES option)
Range	40 miles (60 km)
Sensitivity	-110 dBm @ 115.2 kbps
	-108 dBm @ 172.8 kbps
	-107 dBm @ 230.4 kbps
Output Power	100mW – 1W (20-30dBm)
Serial Interface	3.3V CMOS TTL
Serial Baud Rate	Up to 230.4 kbps asynchronous
Link Rate	115 – 276 kbps
Operating Modes	Mesh, Auto Routing, Store and Forward,Self Healing, Packet Routing Mode
Operating Modes	Mesh, Auto Routing, Store and Forward,Self Healing, Packet Routing Mode
Blocking	+/- 1 MHz > 55 dBc
	+/- 2.5 MHz > 60 dBc
	+/- 5 MHz > 65 dBc
	> 930 MHz > 70 dBc
	< 890 MHz > 70 dBc
Remote Diagnostics	Battery Voltage, Temperature, RSSI,Packet Statistics
Core Voltage	5.0V + -0.25V
Power Consumption	Sleep < 1mA
	Idle 3.5mA
	Rx: 35mA to 80mA
	Tx : 800mA to 1200mA
Connectors:	
Antenna	SMA
DATA	GH1.25-6P&USB
Environmental	-55o C – +85o C
Weight	51.2MM*38.2MM*15.5MM
Order Option s	
-AES	128-bit AES Encryption (requires permit for export outside of Canada and U
-ENC	Enclosed Model



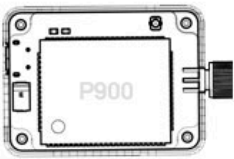
CUAV P9 Radio



CNC Aluminum Alloy Shell



TTL&USB Dual interface




Built-in P900 Module

High Speed

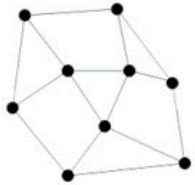
30+  
KM

Low Speed 40 miles(60KM)

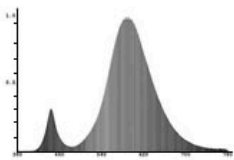
Super Long Range



902-928 MHz



True Self Healing Mesh  
Auto Routing, Forward



Output Power 1W (30dBm)

Environmental

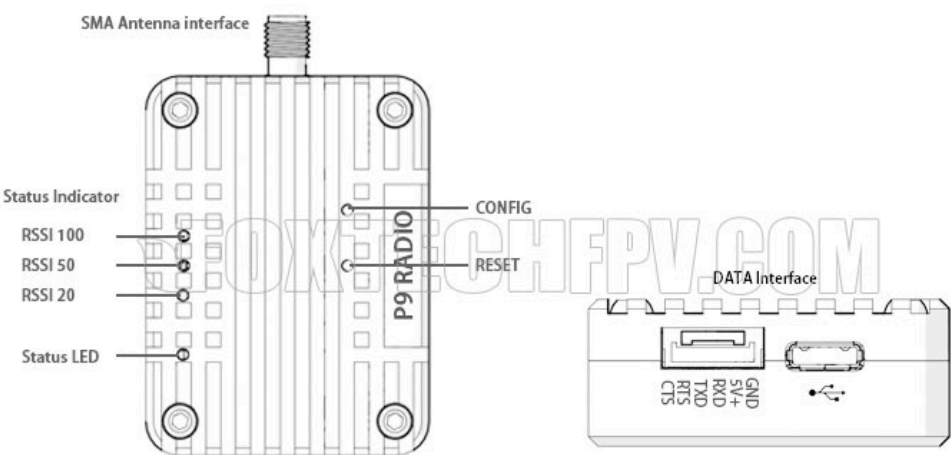
-40°

+80°

Industrial grade products


High frequency hopping

P900 Radio Functional definition



Why Choose Us.

Related Products




CubePilot  
RFD900x Data Transmission Module

\$529.00

★★★★★

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VDC Pro MESH Networking Wireless  
Transmission System

\$1,909.00 - \$6,300.00

★★★★★

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Foxtech  
Insight Series Data/Video Wireless  
Transmission System

\$429.00 - \$490.00

★★★★★

CHOOSE OPTIONS



Foxtech  
VD-PRO 5G Video/Data Wireless  
Transmission System

\$4,399.00

★★★★★

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