



General Info

The CRX series is a range of compact, lightweight and versatile Video & Telemetry or Command Receivers for Air, Ground and Marine applications. True FM de-modulation is used for analog Video & Data. The receivers were designed to optimally meet customer requirements including:

- Remote frequency change capability
- Bandwidth use can be optimized for the specific data transmission
- Two sub-carriers for Audio & Data (one embedded and one optional)
- Range of power outputs



Specifications

Video

Analog video NTSC or PAL
 Video input 1Vpp/75 Ω

Power requirements

Input voltage 11-32 VDC
 Input current 0.25 Amp-0.7 Amp max.

Reception

BaseBand Bandwidth 16 MHz
 Data De-modulation True FM
 Frequency selection Up to 8 channels
 Frequency Tuning Step 1 MHz
 Spurious Responses -60 dBc
 Sensitivity -82 dBm
 Input impedance 50 Ω

Mechanical

Weight 370 g
 Size 80X84X48 mm (3.2X3.4X1.9 inch)

Performance

Frequency band L,S,C
 * X, Ku - To be used with Down Converter
 Frequency stability ± 4 ppm
 Frequency tuning Synthesized,
 Rotary switches

Connectors

RF Input SMA
 Video Output SMA
 Power MDM 9 pin or PTO2H-10-12P

Environmental

Temperature -20°C to 70°C
 Altitude Unlimited
 Humidity Up to 95%

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*Designed to meet MIL-STD-810E and MIL-STD-461

**ICD for all products is available by request

Specifications subject to change without prior notice. Typical values shown.