



General Info

The CTX series is a range of compact, lightweight and versatile Video & Telemetry or Command Transmitters for Air, Ground and Marine applications. True FM modulation is used for analog Video & Data. The transmitters 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 1.6 Amp-3.2 Amp max.

Transmission

Output power 200 mW up to 15 W
 Bandwidth 16 MHz
 Data modulation True FM
 Frequency selection Up to 8 channels
 Frequency tuning step 1,2,5 MHz
 Spurious responses -45 dBc

Mechanical

Weight 420 g (0.9 lb)
 Size 80X84X48 mm (3.2X3.4X1.9 inch)

Performance

Frequency band L,S,C,X,Ku
 Operational range Up to 150 Km
 Frequency stability ± 4 ppm
 Frequency tuning Synthesized,
 Rotary switches

Connectors

RF output SMA
 Video input 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.