# Commtact

## **Transmitters**

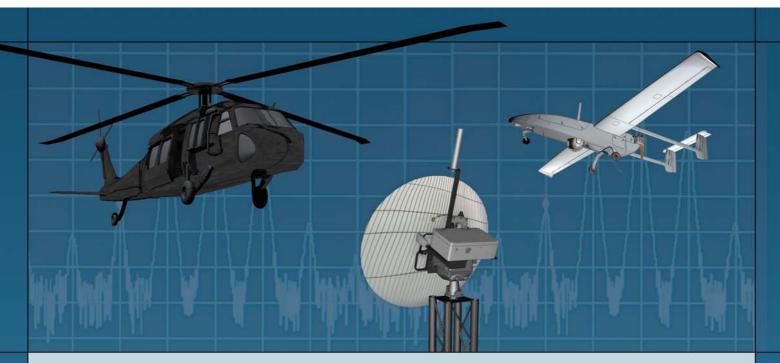
CTX Series



## **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  $\Omega$ 

## **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

#### **Performance**

Frequency band L,S,C,X,Ku

Operational range Up to 150 Km

Frequency stability ± 4 ppm

Frequency tuning Synthesized,

Rotary switches

## **Power requirements**

Input voltage 11–32 VDC Input current 1.6 Amp–3.2 Amp max.

#### Mechanical

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

#### **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%

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

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<sup>\*</sup>Designed to meet MIL-STD-810E and MIL-STD-461

<sup>\*\*</sup>ICD for all products is available by request