

## General Info

The ADT (Airborne Data Terminal) for Helicopters is designed for military and law enforcement applications, and also for civilian roles, such as Electronic News Gathering (ENG). The ADT for Helicopters represents a complete solution for a real-time video communication link, specially designed to transfer video images among different rotary wing platforms and other Intelligence Surveillance and Reconnaissance (ISR) platforms. The ADT for Helicopters is based on Commtact's successful CTX and CRX line of products.

The very low signal delay time of the ADT for Helicopters enables a crucial shortening of the cycle time from seeker to shooter, whichever ISR platform is used. This feature speeds-up the response to tactical developments on the battlefield.

## System capabilities

Variable frequency bands: L, S, C, X and Ku.

Long range – up to 20 Km (LOS)

Extended range beyond LOS via relay

The video format can be PAL or NTSC

Frequency selection – up to 8 channels

Bandwidth use can be optimized for the specific data transmission

Two sub-carriers for Audio & Data (optional)

Low weight and small size

High reliability, low life cycle costs

Combat Proven

## System specifications

True FM modulation

Video sensitivity..... -84 dBm

Frequency Tuning Step..... 1, 2, 5 MHz

Frequency Stability.....  $\pm 4$ ppm

## Power requirements

Input voltage ..... 28  $\pm 4$  VDC

Input current for ADT..... 5 Amp max.

## Environmental

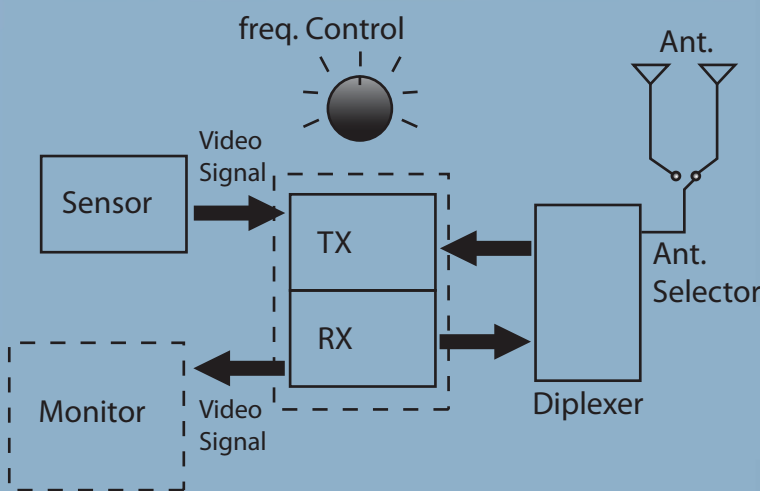
Temperature..... -30°C to 55°C

Humidity..... Up to 95%

Designed to meet MIL-STD-810E

Designed to meet MIL-STD-461

\*\*ICD for all products is available by request



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