

# Secure Thuraya Communications

## CopyTele Thuraya DCS-1400

**Confidentiality.  
It's not a Luxury.  
It's a Necessity!**



Patented CopyTele  
Encryption Technology

**When it comes to telecommunications security...  
CopyTele has the key**

**Thuraya DCS-1400  
Secure voice communications when connected to  
THURAYA Satellite telephones.**

- Can be used to secure Thuraya Satellite voice communications.
- Operates on battery power or line power for security anywhere.
- Very compact, light weight and easy to operate.
- Headset for private discrete communications included.

# CopyTele Thuraya DCS-1400

## THURAYA Satellite Voice Encryption

When connected to **THURAYA Satellite Phones** the **Patented CopyTele Thuraya DCS-1400** provides high-grade secure voice encryption. The **Thuraya DCS-1400** is so flexible, diverse, portable and easy to use why would anyone allow their personal and private communications to be sent over cellular or satellite channels unprotected. In this day and age, government, business and personal communications need to be kept confidential, encrypted information can not be decrypted and read by an unauthorized person.

The **Thuraya DCS-1400** contains the communication technology of **CopyTele, Inc.** utilizing either the ultimate digital encryption algorithm of the day the **Citadel™ CCX** developed by **Harris Corporation**, the new **Advanced Encryption Standard (AES)** or the **Triple DES** digital cryptographic algorithm. The device is a compact and portable security system that is very easy to operate.

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### Specifications

**Encryption Algorithm:** Harris CITADEL™ CCX, Triple DES or the Advanced Encryption Standard (AES): one algorithm per unit

**Cryptographic Traffic Encryption Key:**

Minimum  $3.4 \times 10^{38}$  combinations (128-bit key length)

**Minimum Communication Speed:**

2400 bps throughput

**Cellular/Satellite Phone Connector:** DB-9

**Weight:** 3 oz.

**Power Source:** 90 to 240 Volts A/C 50 to 60 Hz

**Battery:** Lithium Ion, providing up to 6 hours of secure operation in the wireless mode. Secure operation is possible while charging.

**Power Consumption:** .6 Watts

**Dimensions:** 5" D x 2.2" W x .4" H  
(127mm D x 56mm W x 10mm H)

Specifications subject to change without notice

The DCS-1400 has been approved for export by the United States Department of Commerce.

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