



# COPYTELE DCS-1400 SECURE WIRELESS COMMUNICATIONS



## Specifications:

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

**Cryptographic Traffic Encryption Key:**  $3.4 \times 10^{38}$  combinations (128-bit key length)

**Minimum Communication Speed:** 2400 bps throughput

**Satellite/Cellular Telephone Interface:** Special communications cable, provided by your local service provider, to match the proper cell or satellite phone

**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:** 0.6 Watts

**Dimensions:**  
5" D x 2.2" W x 0.4"H  
(127mm D x 56mm W x 10mm H)

Specifications subject to change without notice

Now wireless voice communications can be protected with commercial grade encryption using a Globalstar satellite phone and the CopyTele DCS-1400 security module.

Today government, business and even personal communications demand a high level of privacy from unauthorized access and interception. A combination of the CopyTele DCS-1400, and the Globalstar satellite system meets this security need through flexibility, portability and ease of use in remote areas where cellular services are available.

In outdoor applications, voice conversations that require confidentiality and privacy can be sent and received with the Globalstar GSP-1600 mobile handset and the DCS-1400. Voice callers can use the single output cable from the DCS-1400 to the Globalstar handset and speak using a standard hands-free headset/microphone. The security module can operate using either A/C power or an internal rechargeable battery.

A DCS-1400 unit is required at both ends to allow signals to be encrypted by the sender and decrypted by the recipient.

The DCS-1400 contains the communications technology of CopyTele, Inc. and utilizes either the Citadel CCX™ encryption algorithm developed by Harris Corporation or the Triple DES cryptographic algorithm. The GSP-1600 is produced by QULACOMM with over the air encryption using CDMA technology.

Secure voice communications when connected to data capable digital CELLULAR or SATELLITE telephones.

- Can be used to secure cellular, satellite and Globalstar Satellite 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

## When it comes to telecommunications security Globalstar has the key!

Note: Specification subject to change without notice. The DCS-1400 has been approved for export by the United States Department of Commerce.

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# CopyTele

# Globalstar™

Satellite Communication Services  
Above and Beyond<sup>SM</sup>

