

Snapcell™ -300F



Secure Mobile Encryption Unit

Snapcell-300F is compatible with any GSM carrier that provides asynchronous circuit switched data service. Snapcell is currently deployed in over 30 countries by military, institutional and individual customers. New keys are generated for each call with high information assurance standards approved by the U.S. National Institute of Standards and Technology (NIST) with certified protocols approved by the Federal Information Processing Standards (FIPS) for 140-2 level two.



Snapcell is the first patented micro-adapter for secure cellular communications over any GSM frequency (850/900/1800/1900). Snapcell is compatible with popular Sony-Ericsson phones including T68i, T630, K700i and several others. Attach Snapcell into the handset and enjoy military-strength security with toll-quality voice!

Features:

- Ultra Small Footprint
- Create User Groups
- High Voice Quality
- Works with Sony- Ericsson™ mobile phone
- Transparent & non-transparent networks

Technical Specifications:

Session Encryption (FIPS 197)

AES 256 bits

Key Encryption (FIPS 140-2)

Random 1024 /2048 bit key

Compression

G723.1

Network Data Rate

9600/14,400 BPS

Modem Types

9.6k-V.32/V.110

Phones Supported

Sony-Ericsson GSM Phones.

Compatible GSM Networks

850, 900, 1800, 1900

Data Connection

Circuit Switched- Asynchronous

Optional:

Secure Centralized Management Networking

Power Consumption

17.5mW Standby, 280mW max

5µW off

Weight

11 gr.

Dimensions

40 mm X 22 mm X 7 mm

1.57 x 0.866 x 0.027

Temperatures

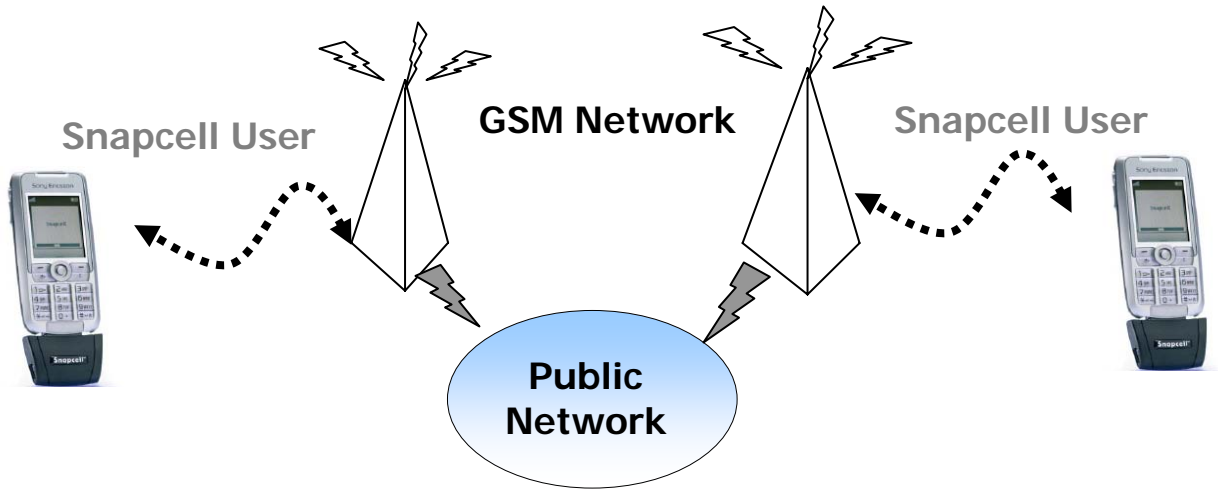
Operation: 0 to +60°C Indoors

Storage: -20 to +70°C Indoors

Users must have GSM data services-Circuit Switched Data (CSD) activated on their mobile phones. This service is also known as mobile originate (MO) to mobile terminate (MT). Some carriers may provide a secondary "data" number for this feature. Contact your local carrier for details.

Modes of operation for Snapcells

Peer-to-Peer mode



Networking mode using Snaptrunk

