

# Vanguard-II

## Desktop Secure Mobile Office

The Vanguard-II is a secure desktop mobile office system packaged in a single compact case. It is designed to provide encrypted IP voice & data communications from virtually anywhere in the world, and can be set up for transmission by a single user in less than 10 minutes. Additional computers, network devices, and phones can be connected to the case to create a local area network communicating over a single secure satellite link.

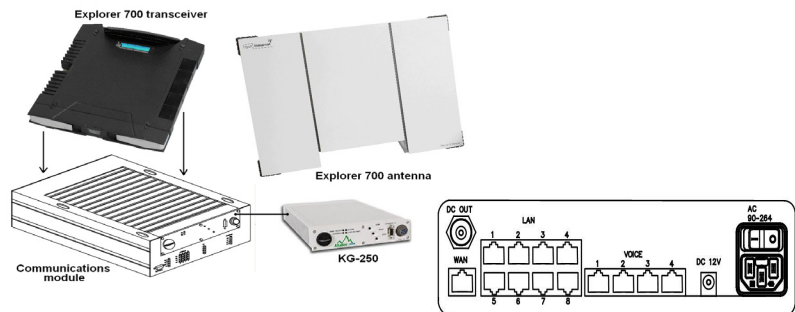
### System Features

- Designed to be used with the Thrane&Thrane Explorer 700 BGAN terminal
- Integrated with ViaSat KG-250 In-Line Encryptor and designed for SIPRNET reachback
- The main communication module contains a router, 4 analog voice ports, 8 ethernet ports, KG-250 compartment, AC and DC power supplies and power distribution
- The Explorer 700 transceiver mounts directly to the communications module to form a single compact unit that can be removed from the antenna up to 18 meters
- Allows for IP data rates up to 492Kbps (up and down)
- The communication module (with transceiver attached) is only 9.0W x 13.0D x 5.2H (inches)
- The entire system fits into a transit case that is 22W x 15D x 9H (inches) and weighs approximately 35 pounds.
- The transit case can also accommodate a Panasonic CF-18 Toughbook computer, if required.
- The system accepts 110/220VAC or 12VDC. A BA-5590 DC input cable is provided to allow operation from manpack radio batteries, and a HMMWV 24VDC to 12VDC cable is available as an option.



### Applications:

- Quick-deploy secure voice (VoIP) and data communications from remote sites
- Remote SIPRNet, NIPRNet reachback
- Executive Travel Communications
- Homeland Defense/Emergency Response



### Ordering Information:

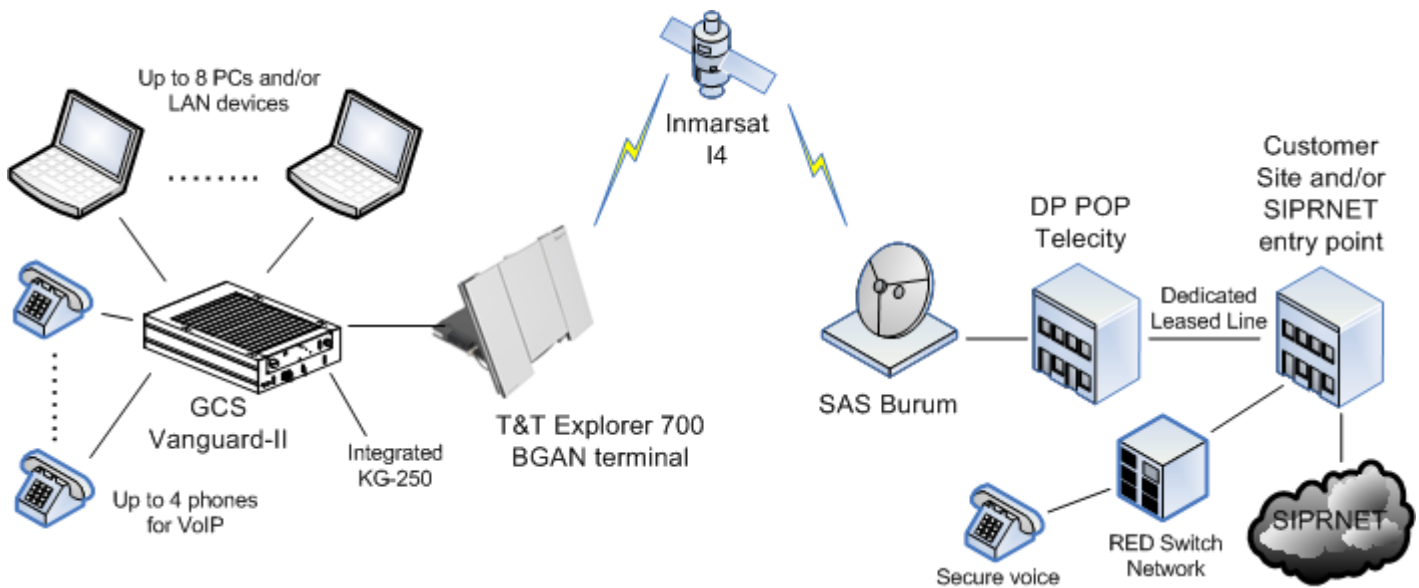
GCS-7753-xx: Vanguard-II "Lite"

xx	Includes Explorer 700	Includes Toughbook 18	Includes KG-250
00	No	No	Yes
01	Yes	No	Yes

GCS-7753c-xx: Vanguard-II "Ultra"

xx	Includes Explorer 700	Includes Toughbook 18	Includes KG-250
00	No	Yes	Yes
01	Yes	Yes	Yes





## Physical Specifications

- Dimensions: 9.0W x 13.0D x 3.6H (inches) (communications module w/o attached transceiver)
- Dimensions: 22W x 15D x 9H (inches) (transit case)
- Weight: approx. 35lbs (in transit case)
- Power input: 90-260VAC 50/60Hz, 12VDC
- Power out: 12VDC

## Communication Interfaces

- WAN: 10/100Base-T Ethernet
- LAN: Eight 10/100Base-T Ethernet
- VoIP: Four RJ-11 analog voice ports (FXS)

## Configuration Ports

- DB-9 RS-232 port for router configuration

Specifications subject to change without notice

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Headquarters:

7640 Omnitech Place • Victor, NY 14564 USA

Voice: +1.585.742.9100 • Fax: +1.585.924.8332

Web sites: [www.globalcoms.com](http://www.globalcoms.com)

[www.sat1usa.com](http://www.sat1usa.com)

E-mail: [info@globalcoms.com](mailto:info@globalcoms.com)

