Seagull 5000i with FaxConnect

Seagull 5000i is a voice, data and fax satellite terminal with a built-in GPS tracking system specifically designed for reliable performance in the harshest of maritime and land environments. Affordable, easy-to-install and user-friendly, it enables users to make satellite voice calls to normal PSTN phones, mobile phones and other satellite phones via the Thuraya satellite network.

In addition to supporting SMS services via its easy-to-use menu displayed on the vivid 2 inch LCD handset screen, the Seagull 5000i provides full-duplex IP-based data communication capabilities via the Thuraya GmPRS technology, allowing for email access, weather reports or simply for web browsing.

These data communication capabilities, coupled with an onboard GPS receiver, enables the Seagull 5000i to transmit such information as ship's identity, position with the date and time stamp necessary for Long Range Identification and Tracking (LRIT), which is increasingly becoming mandatory by many national maritime and fishery authorities.

Tracking and monitoring functions are user-configurable for fixed time interval or event-triggered operations. They can also be remotely activated by a monitoring center. An alert button is also available to notify pre-configured contacts of an emergency. When activated, a pre-determined SOS message which includes the time-stamped GPS coordinates of the position is sent to a maximum of three preset contacts alerting them of an emergency.

When connecting the customized FaxConnect interface device to the Seagull 5000i, the user can also send G3 faxes from anywhere within the Thuraya coverage area to other G3 fax machines across the globe.

THURAYA
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Applications

	Supports communication needs of fishing vessels, leisure boats, coastal guard boats, land vehicles, etc
	Coastal surveillance
	In-land rural area communications
	Fleet management
	Low data rate telemetry and tracking

General Specifications

Packet Data:	Down stream up to 60 kbps
	Up stream up to 15 kbps
Weight:	Base terminal: 1kg
	Passive antenna: 300g
	Active antenna: 1.7kg
	Handset: 290g
Power Supply & Consumption:	DC input range (isolated): 10.8 – 31.2; VDC power (max): 10 W
Ingress Protection Rating:	Handset: IP66; Antenna: IP66
Interfaces:	• Satellite antenna connector (N-Type female) • GPS antenna connector (TNC female) • Primary handset connector • SIM card connector • Ethernet port (RJ45) • USB client port (mini-USB connector) • FaxConnectTM interface port • DC power supply input socket • Four dual color LED indicators • External ringer output port • External alert button input port

Features and Functions

Base Terminal:	An alert button for sending an emergency alert to pre-configured contacts via SMS or GmPRS
	External alert button input port (external alert button is optional)
	Ringer output port (external ringer is optional)
	Configurable to support
	Automatic Position Reports (APR)
	Polling for an on demand position report
	Geo-fencing
Handset:	Supports basic telephony functions, Calling Line Identification Presentation (CLIP) and SMS
	Menu-driven graphical user interface with 65K color, 220 x 176 pixel, 2" TFT LCD screen
	Back-lit keypad
	Hands-free headset
	Wall mounted cradle for the handset
Internet Access:	GPS data output in NMEA-0183 format through RS-232 (interface cable is optional)
	Over the air update of system configuration parameters
Antenna:	Passive Antenna:
	Omni-directional passive Thuraya satellite antenna with built-in active GPS antenna
	Up to 5mtrs of LMR400 (or equivalent) co-axial satellite antenna cable
	Active Antenna:
	Omni-directional active Thuraya satellite antenna with built-in active GPS antenna
	Up to 40mtrs of LMR400 (or equivalent) co-axial satellite antenna cable
Note: Active antenna must be used with an external power supply unit.	

FaxConnect Specifications

Weight:	500g
Power Consumption (max):	3W
Ingress Protection Rating:	IP41
Interfaces:	• RJ11 port (connect to fax machine) • DB15 port (connect to Seagull5000i)

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enabled