



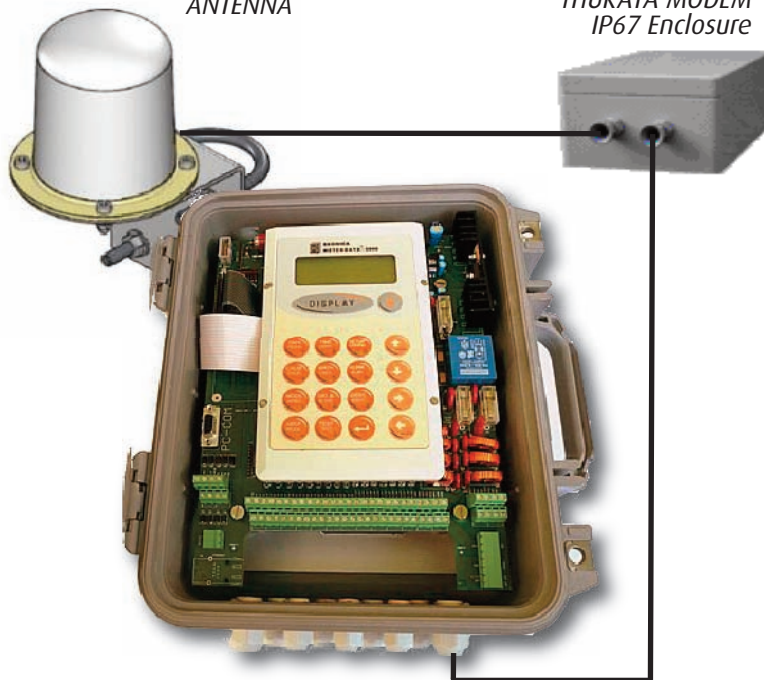
# THURAYA SATELLITE TERMINAL Model GEO-SM2500

## MAIN TECHNICAL FEATURES

- Bidirectional communication in L-band
  - o TX: 1626,5 MHz to 1660,5 MHz
  - o RX: 1525,0 MHz to 1559,0 MHz
- Integrated GPS inside all Thuraya equipment
- Dual Thuraya/GPS antenna
- Circuit switched voice and data/fax up to 9.6 Kbit/s
- Short Message Service
- Thuraya GmPRS Mobile Satellite Internet Service:
  - o Up to 60 kbit/s downlink and 15kbit/s uplink
  - o "Always-on" connection
  - o Billed per amount of data transferred, not per time online or re-connection
  - o Public static IP address is available
  - o Available for both prepaid and postpaid subscribers
  - o Voice and messaging is enabled during data sessions.
  - o Supports data applications: email, Web browsing, FTP, VPN, etc.
- Up to 444 Kbps wideband connection using ThurayaIP equipment (first mobile satellite solution to support 384 Kbps IP streaming).
- Maritime services. Combination of special (fixed) base station and subscription offering voice, fax, data and all ways on in ternet-access. Also, optional emergency service that sends multiple SMS messages containing alarm-status and actual position to pre-defined destinations.
- Reliable, congestion-free satellite communication with intelligent satellite architecture featuring dynamic resource allocation and superior hardware redundancy.
- Large Coverage Area. The Thuraya satellite network covers nearly one third of our planet and 2.3 billion people inAfrica, the Middle East, Asia and Australia as shown in the map on the following page  
(<http://www.thuraya.com/coverage-map>)

THURAYA / GPS  
ANTENNA

EXTERNAL  
THURAYA MODEM  
IP67 Enclosure

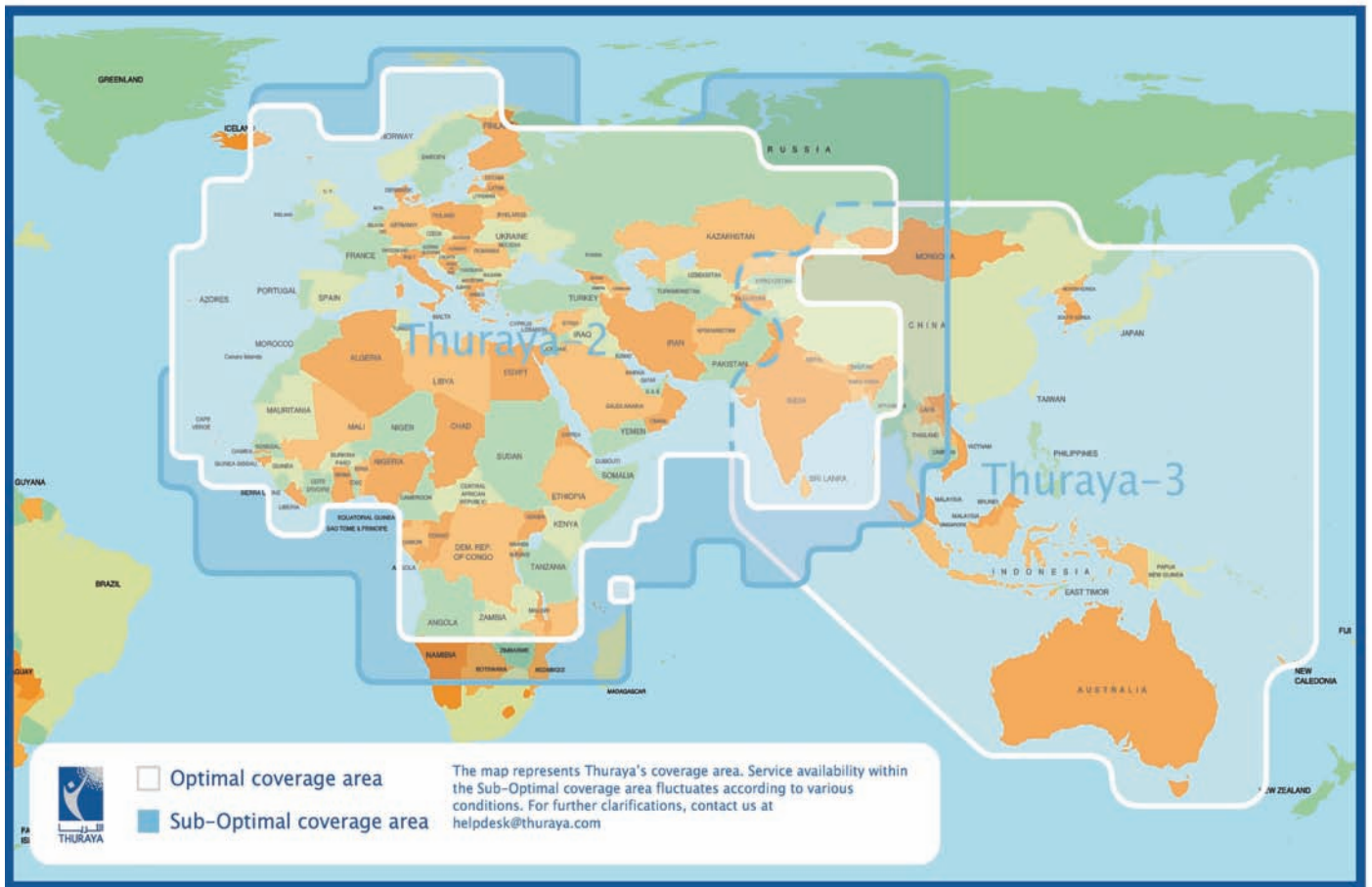


GEONICA's Data Logger Model  
METEODATA-3000 directly connected  
to the satellite terminal





**THURAYA GEOGRAPHIC COVERAGE**



**METEO DATA / HYDRO DATA STATION  
INTEGRATED WITH SATELLITE TERMINAL**  
**"EVERYWHERE YOU NEED DATALOGGING & COMMUNICATION"**

