Operational Description – Thuraya IP+, Model 9104

The **Thuraya IP+, Model 9104**, is a compact, lightweight, highly portable, satellite broadband data terminal. It can be rapidly deployed in minutes to support a wide range of packet data applications in any location within Thuraya's satellite coverage area over Europe, Africa, the Middle East, and Central and South Asia. With its integrated antenna, the Thuraya IP+ provides data rates up to 444Kbps on standard IP, and 384Kbps on streaming IP.

The **Thuraya IP+** will operate from its internal rechargeable 7.4vDC Li-Ion battery pack, and its 19vDC AC/DC adapter.

A satellite L-Band module, WLAN 802.11b/g/n module, and GPS module are integral in the terminal. The WLAN module can operate as an Access Point, and support 2.4GHz operation, 20MHz bandwidth only.

The terminal's integral radome contains the satellite antenna (gain 12dBiC, EIRP 15.1dBW), WLAN antenna (gain 3.5dBi), and GPS antenna.

Users can access the available facilities of the **Thuraya IP+** through an Ethernet and Wi-Fi connection using a laptop computer or wireless device.

The **Thuraya IP+** portable satellite terminal has the following interfaces:
- Ethernet port
- Connector for (optional) External satellite antenna
- Connector for (optional) External GPS antenna
- AC/DC adapter port (for charging battery or operation)
- LCD user interface and function buttons
- Web User Interface (WebUI)
- SIM carrier for access to Thuraya satellite services

Front View

Rear View