

# Thuraya MCD Voyager



## A portable auto-pointing satellite broadband terminal

Thuraya MCD Voyager is a 'Mobile Communications Device' that delivers superior mobility without compromising on connectivity. The MCD Voyager integrates the high performance Thuraya IP Voyager into a ruggedized self-contained, auto-pointing satellite broadband terminal.

Thuraya MCD Voyager comes with a click and go feature. Operated by a single button, it connects with Thuraya network and automatically establishes a Wi-Fi internet hotspot for any wireless device within a 100 meter range.

Designed to be operated by anyone, with no training or certification necessary, the Thuraya MCD Voyager terminal boasts IP broadband speeds of up to 444kbps, while stationary or on the move.

### KEY Features

#### Plug & Play

No pointing or aiming required, the MCD Voyager is an auto-pointing Thuraya satellite terminal that allows users to connect online in less than a minute by creating a powerful Wi-Fi hotspot accessible by any wireless device within a 100 meter range.

#### Simple to use

Thuraya MCD Voyager requires no training and can be operated by anyone.

#### Operates while stationary or on the move

Ideal for on-the-move operations that require rapid response: simply place the Thuraya MCD Voyager under an open sky and switch it on.

#### Durable and dependable

Contained in a watertight, crush proof, dust proof reinforced plastic case, Thuraya MCD Voyager operates under extreme environments from -25°C to +70°C (-13°F to 158°F). It works in heavy rain and up to 20mm of ice. The case is designed to allow it to fully function even with the lid closed. Environmentally rated IP66, it is immune to water jets from any direction. Thuraya MCD Voyager operates for up to 5 hours on the internal battery, or continuously if a power source is available.

#### High-speed streaming capabilities

Boasting speeds of up to 444kbps, Thuraya MCD Voyager is the only terminal in the market capable of achieving streaming IP speeds of up to 384kbps.

#### Asymmetric streaming

Thuraya MCD Voyager can be configured to allow users to manage their upload and download speeds to match their usage and ensure significant savings. Thuraya is the first mobile satellite services operator to provide asymmetric streaming capabilities for its broadband devices.

## Solutions

Thuraya understands that the key to a great solution is not simply the network, the terminal or the software package. It is the integration of all of these elements that creates a truly effective solution, combining our partners' software expertise with our own delivery of services.

Thuraya and its partners provide solutions that solve problems for remote users, offering many features that include VoIP, internet optimization, video conferencing and instant messaging.

Thuraya MCD supports users in the most demanding surroundings. Thuraya MCD Voyager is ideal for on-the-move operations where rapid response is of the essence, such as emergency and disaster response, where its deployment can help to save lives.

Thuraya MCD Voyager is ideal in serving the following sectors:



GOVERNMENT



RELIEF



ENERGY



MINING



ENTERPRISE

## Key Benefits

- Functions without pointing or aiming; online in less than a minute
- Ruggedized, operates in extreme conditions, contained in watertight, crushproof, dust proof reinforced plastic case
- Operates while stationary or in motion
- Provides Wi-Fi Hotspot for all in-range devices up to 100 meters (328 feet)
- Weighs 11.5 kg and will run for up to five hours on internal battery for normal use
- Functions fully without having to open the case
- Operates from -25°C to +70°C (-13°F to 158°F)
- Includes two external all weather Ethernet (RJ-45) ports
- Backlit display for night use indicates power remaining, and can be enabled/disabled

## Technical Specifications

SPEEDS & NETWORK	
Download/Upload Internet Speeds	444kbps down, 404kbps up
Wi-Fi	802.11b/g/n - Up to 100 meter Wi-Fi range (328 feet)
DHCP	Default setting for connecting up to 10 devices
External Ports	Two Ethernet RJ-45 ports, Power/Charge port
Wireless Security	WEP, WPA, WPA2 & MAC Filtering (whitelist)
Streaming IP services	Up to 384kbps
Web Interface	For all device types including smartphones
SYSTEM CHARACTERISTICS	
Case Colors Available	Black, silver, orange, yellow, desert tan, green
Exterior Dimensions	17"L x 13.75"W x 6.75"H (432 x 349 x 171 mm)
Weight	11.46 kg (25.3 lbs)
Internal Battery Life	Up to 5 hours of normal use
Recharge Time	About 4 hours from fully discharged
Humidity	95% RH at +40°C
Operating Temperatures (Internal Electronics)	-25° C to 70° C (-13° F to +158° F) operating
Rain/Water/Dust Ingress	IP66 when case is closed (powerful water jets)
Max Turning Rate	40° per second
Turning Acceleration	50°/s <sup>2</sup>
Wind	If case is secure, it is not affected by wind
Ice	20mm of ice buildup before non-operation available
Compliance Certifications (radio)	CE, EMC 301 444, 301 489, IEC 60950

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