MCD-4800

An All-Location Global Wireless Hotspot

The Football Case Colors
Black   Silver   Orange   Yellow   Desert Tan   OD Green*
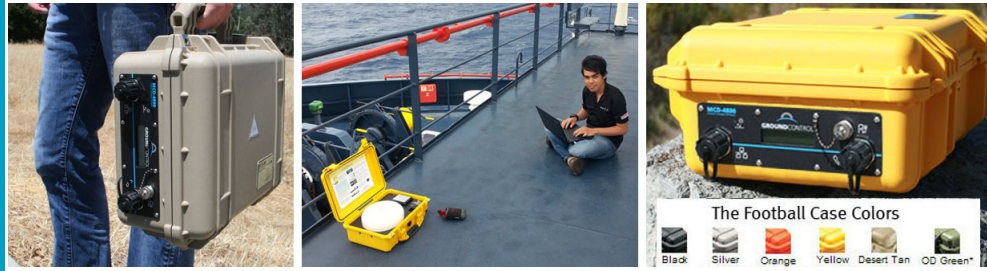
The MCD-4800 is an Auto-Pointing BGAN Satellite Terminal in a Closed Hardened Case

Easy-To-Use Global Broadband Internet Case

Simply lay the case flat under the sky, and press the power button inside the case. **In one minute** the MCD-4800 will connect with a BGAN satellite and establish a wireless hotspot for any in-range device. Nicknamed "The Football" this auto-tracking BGANterminal delivers broadband speeds of up to 464 Kbps to 11 concurrent wireless devices. Housed in a durable all-weather case that stays closed for full functionality. Access ports on the exterior control panel are for Ethernet and an analog RJ-11 phone port for making and receiving phone calls.

Manufactured by Ground Control

Ground Control is a mobile and portable satellite solutions leader since 2002. Like our transportable mobile satellite dishes, we build each MCD-4800 case in our plant in California with high-grade components that operate well in extreme environments.

No User Training - Global Operation

Simplicity and performance was our goal when developing the MCD-4800. Each case will operate for up to 5 hours on a single charge, or operate continuously while plugged in any vehicle DC power port or any 110 or 220 VAC wall outlet. The optional 62 watt foldable solar panel recharges in no power locations.

Service for the MCD-4800

The MCD-4800 will operate with any Inmarsat BGAN service provider, however, Ground Control's BGAN servers at Inmarsat deliver the highest broadband speeds possible no matter where you are on the globe.

The MCD-4800 Features

▸ **No Pointing** - Simply turn the unit on under the sky.
▸ **Does NOT require user interaction after turning it on**.
▸ No software to run. Establishes Wi-Fi hotspot automatically.
▸ Up to 5 hours of internal battery life for normal use.
▸ Case operates stationary or moving on land and ocean.
▸ Ruggedized hardened plastic case. All weather operation.
▸ Up to 100 meter WiFi range for up to 11 wireless devices.
▸ Internet speeds of 464 Kbps download by 448 Kbps upload.
▸ Includes corded standard analog phone.
▸ External Ethernet port (RJ-45). Capped when not in use.
▸ External phone port (RJ-11) for any corded or cordless phone.
▸ May be plugged into vehicle 12V power for continuous use.
▸ Operates at -15°F to 131°F (-26° C to +55° C) temperatures.
▸ May operate on any moving vehicle, boat or other platform.
▸ Operates in heavy rain, and up to 20mm of ice build-up.
▸ Internal fan keeps internal electronics cool in hot weather.
▸ The MCD-4800 operates globally (except for the poles).
▸ Portable - Ships UPS, FedEx, flight luggage anywhere.
▸ Full IP compatibility - Internet, SMTP email, FTP and VPN.
▸ Global public (static) IP addresses are available.
▸ Usage only or prepaid service plans available.
▸ BGAN service and support provided by Ground Control.
▸ The MCD-4800 is manufactured by Ground Control.

Global Coverage - One Service Plan

Satellite Connectivity

Also a Wireless Access Point up to 100 Feet
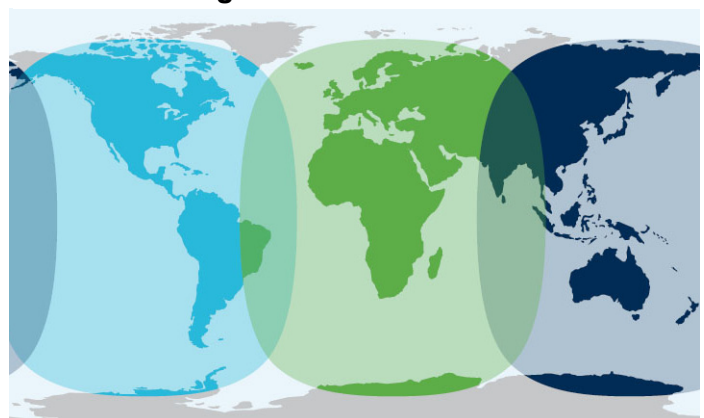
Simply place the MCD-4800 under an open sky, on top of a rock, a moving car, an ocean vessel, and turn it on. It connects to the satellite and creates a Wi-Fi hotspot for any in-range laptops or other IP wireless devices.

An Ethernet LAN port (RJ-45 with POE) is available for a hard wire Internet connections. Normally it is capped sealed when not in use. The panel display shows battery life and the temperature of internal electronics.

Inside the case is the auto-pointing antenna which is excellent for ocean going vessels and oil rigs. With the lid open or closed, it will operate for up to 5 hours on the internal battery, or continuously if power is available.

The MCD-4800 includes a standard 2-wire corded phone, however, ANY standard corded or cordless phone will work. The RJ-11 phone port gives a standard dialtone and each is issued a satellite telephone number.

Operation requires no training and can be operated by anyone. Since the case lid can be shut for full operation, the MCD-4800 can be placed in the thick of things without pause.

Web Based Status and System Settings

The MCD-4800 web interface can be accessed by any connected browser. Screens show battery life, data usage, wireless security settings, MAC address filtering, SMS messaging screens, and many other parameters.

MCD-4800 Specifications

The MCD-4800 creates a mobile office anywhere on the planet in 60 seconds by simply turning it on under an open sky. High-speed Internet & phone, moving or stationary, on land or at sea.

SYSTEM CHARACTERISTICS

Case Colors Available....	Black, Silver, Orange, Yellow, Desert Tan, OD Green
Exterior Dimensions	17"L x 13.75"W x 6.75"H (432 x 349 x 171 mm).
Weight.	25 lbs (11.34 kg).
Internal Battery Life	Up to 5 Hours of normal use.
Recharge Time	4 hours from fully discharged using quick-charger.
Humidity.	95% RH at +40°C.
Operating Temperatures.	-15° F to 131° F (-26° C to +55° C) operating.
Rain/Water/Dust Ingress.....	IP66 when case is closed (powerful water jets)
Wind....	If case is secure, it is not affected by wind.
Ice..........	20mm of ice buildup before non-operation.