

## REMOTE ETHERNET PORT Global Device Monitoring & Control

The Hughes 9502 is a low-power, and low-cost global Ethernet port that can monitor and control equipment anywhere for \$0.01 to \$0.02 cents per poll.



## COST-EFFECTIVE REMOTE DEVICE CONTROL

What sets the Hughes 9502 BGAN M2M apart from satellite solutions is that the 9502 is a live real-time IP connection to the Internet ideal for transferring 1 kilobyte data packets for as little as a penny from most any location on the globe. Also when critical issues arise, the 9502 has 464 Kbps speeds so that solutions can be implemented quickly.



## HUGHES 9502 BGAN M2M FEATURES

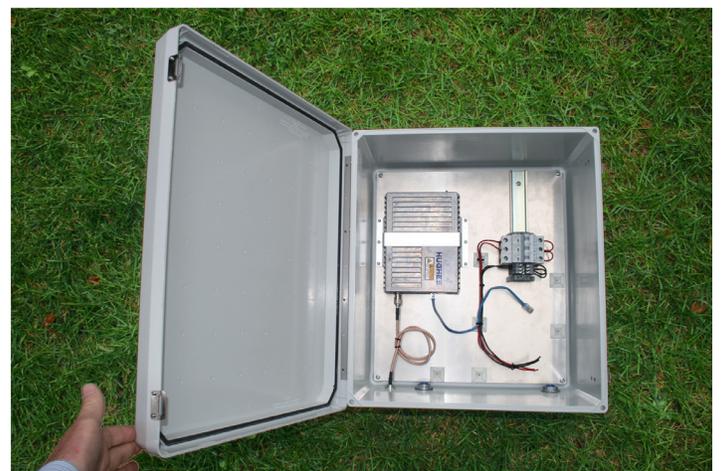
- ▶ A high-speed real-time Ethernet port to the Internet
- ▶ Uses BGAN M2M service - 1 to 2 cents per Kilobyte transferred
- ▶ Poll remote equipment 100 times a day for about a dollar
- ▶ Global Coverage - One network for all remote devices
- ▶ 24 x 7 live connection that doesn't go to sleep
- ▶ Low-Power consumption - 3 to 4 watts for normal operation
- ▶ Hibernation mode pulls only .01 watts - wakes in 30 seconds
- ▶ Extreme Weather Rugged -40°F to 167°F (-40° to 75° C)
- ▶ Private Networking, VPN, and other security options
- ▶ Installation can be done by anyone. Certified techs not required
- ▶ Remote SMS control... even from a smartphone
- ▶ Low latency - 800 to 1500 milliseconds
- ▶ Certified FCC, CE CSA RoAS, EWRA
- ▶ Relay mode passes static IP to connected devices
- ▶ Web UI Interface - From local client, for from remote site
- ▶ Low Rain Fade. The L-Band is superior than Ku or Ka band
- ▶ Works with any device that communicates over IP
- ▶ Standard 1 year warranty. 3 and 5 year warranties available

## EXTREME CONDITIONS

Low power locations?... Extreme weather?... Not an issue for the 9502. This product was designed to operate in remote locations that have limited power available. It pulls less than 4 watts for normal "always on" operation, or 0.01 watts when using hibernation mode, where any LAN activity will wake the network connection in 30 seconds. Weather, wind and rain, snow?... BGAN L-band technology pierces through moisture for operating in the most harsh conditions.

## EASY INSTALLATION

The Hughes 9502 requires no laptop for installation. It has a single function button, and an Ethernet port, and an audio port for audible signal strength in pointing the antenna. It is often pre-configured (at your IT facility) so that when the antenna is pointed in the field, the system is online and operational. The 9502 can pass the Static IP address to a connected device, so integrating remote equipment into your WAN is as easy as pointing to an IP address.



## THE HUGHES 9502 SEALED ENCLOSURE

Ground Control offers a hardened plastic NEMA rated sealed enclosure, prewired for a Hughes 9502 terminal. The enclosure has room for client equipment, and includes three 2 amp DC circuit breakers, and two cable ports that will create a water tight seal around those cables.