



KRYPTALL™
SECURE COMMUNICATIONS SOLUTIONS



MODEL: K SatDome

Auto-Pointing Multi-Purpose Instant Anywhere Broadband Connection for the K iPhone

The K SatDome also known as "The Dome" is an auto-pointing BGAN satellite terminal, for fixed or mobile platforms, that requires no user training to operate. Mount the weather tight dome antenna on a fixed ground structure, on a mobile platform, or on a boat deck, under the open sky anywhere in the world, with no pointing necessary. Once activated the Dome becomes a wireless hotspot for the K Phone or K iPhone to connect to the internet service provider. The K SatDome employs the high performance Hughes 9450 in-motion BGAN terminal integrated with our proprietary electronics for a ruggedized user-friendly communications solution.





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Hughes 9450 Technical Specifications

Device Capabilities	K Phone, Internet, Email, Phone, FTP, FoIP (Fax), ISDN, SMS Text, Video Streaming
Internet Speeds (shared service)	464 Kbps speeds (both directions)
Global Voice	4 Kbps 3.1K audio (Uses any standard phone)
ISDN	64 Kbps
Streaming CIR 1:1 Speeds	Options of 32, 64, and 128 Kbps (both directions)
SMS Texting	Up to 160 characters
Wireless	802.11 b/g access point (up to 11 simultaneous sessions)
Operational Satellite Look Angle	BGAN satellite must be at least 5° from the horizon
Tracking Max Speed	Vehicle Turning Rate < 40° /sec
Cable to Controller Length	Up to 8 meters.
Water and Dust Rating	IP 56 (antenna)
Operational Temperature	-13° to 131° F (-25°C to 55°C)
Ice Buildup	Non-operational at 25mm of ice
Storage (survival) Temperature	-40° to 80° C
Max Power Consumption - Operating	65 Watts (35 Watts on idle)
DC Input Power	12 or 24 Volt Vehicle Power
Humidity	95% non-condensing at 40°C
Antenna Dimensions	119mm high x 252mm diameter for Class 11 Antenna
Weight	2 Kg for Class 11 Antenna
Controller (Transceiver) Dimensions	281mm x 232mm x 46mm