MODEL: K Sat-FB

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

The K Sat-FB also known as "The Football" is an auto-pointing <u>BGAN</u> satellite terminal that requires no user training to operate. Simply place the weather tight sealed case on the ground, on a mobile platform, or on a boat deck, under the open sky anywhere in the world and turn it on - no pointing necessary. It becomes a wireless hotspot in a minute for the K Phone or K iPhone up to 100' from the case for up to 6 hours on the internal battery. The K Sat-FB uses the high performance Hughes 9450 in-motion BGAN terminal integrated with our proprietary mobile electronics for a ruggedized self-contained, in-field, user-friendly communications solution.

Also available in Tan

The K Sat-FB Terminal Specifications

Contents	Housed in hardened case and internal electronics including the Hughes 9450 BGAN terminal, Quick-Charge AC/DC Power Adapter, Trickle-Charge AC/DC Power Adapter, International Plugs U.S., U.K., European, Australian, China, N. Europe, Vehicle Mini-Inverter, Laminated Quick-start Guide, 2 keys for power switch, Users Manual (on included USB thumb drive), software for optional MCD-4800 real-time status screen gadget with connected computers.
Terminal Capability	KryptAll K Phone & K iPhone broadband IP connectivity via hardwire or WiFi connection to the terminal
Internet Speeds	Class 2 BGAN - 464 Kbps down x 448 Kbps up with standard IP connection
Antenna Type	Class 11
Global Service	Inmarsat BGAN I4 Network - Operates with any BGAN Service Provider
BGAN Rx/Tx Frequencies	L-band, Rx @ 1525.0-1559.0 MHz, Tx @ 1626.5-1660.5 MHz
Network	DHCP, NAT, Public IP's available
Firewall	KryptAll supported when using KryptAll phones, Teleport - Whitelist and Blacklist supported
Wireless LAN	802.11b - 100' radius.
External Port - LAN	RJ45 Ethernet (POE - Power Over Ethernet)
External Port - Voice	RJ11 - Circuit Switched (4kbps 3.1 KHz Audio) Standard Issued International Phone Number (Inmarsat 870 Country Code)
External Port - Power	12VDC Power & Charge Port - weather tight cable connector & cap
Broadband Streaming Services	32Kbps, 64Kbps, 128Kbps
Exterior Case Dimensions	17"L x 13.75"W x 6.75 "H (432 x 349 x 171 mm)
Weight	24 lbs (10.9 kg)

The K Sat-FB Terminal Specifications

Onboard Battery Life	Up to 6 hours normal use
Recharge Time	3 hours (from fully discharged) using 110 to 240 VAC (worldwide)
Regional Power Compatibility	Includes international plug kit for U.S., U.K., European, Australian, China, N. Europe
Storage Charger	Maintenance "slow" charger keeps batteries at full charge during storage
External Batteries	Optional Military Grade BB-2590 & BA-5590 - up to 3 Hour Runtime
Humidity	95% RH at +40°C
Operating Temperatures	-15° F to 131° F (-26˚ C to +55˚ C) operating
Rain / Water / Dust:	IP66 when closed (withstands powerful water jets from any direction)
Wind	If case is secure, it is not affected by wind
Ice	20mm buildup before signal loss
Turning Rate (Azimuth)	40° per second
Turning Acceleration	50°/s2
Case Colors Available	Black or desert tan
Manufacturer Support	The K Sat-FB is integrated satellite technology. Support by KryptAll 24 x 7
Warranty	1 year standard warranty. Extended warranties available
Made In The USA	The Hughes 9450 transceiver and the K Sat-FB are U.S. manufactured
Inmarsat Type Approval	The Hughes 9450 has been type approved by Inmarsat