



GLOBESURFER® 3G HSDPA

HSDPA/3G | UMTS | EDGE | GPRS | BROADBAND WIRELESS ROUTER

GlobeSurfer® 3G HSDPA is the fastest broadband wireless router available today. It comes on the WAN side with HSDPA/EDGE/3G/GPRS connections to provide throughput at up to 1.8 Mbps and on the LAN side with both a WLAN IEEE802.11b/g and an Ethernet 10/100Mbps interface.

Designed with ease of use in mind the GlobeSurfer® 3G HSDPA is characterized by simplicity of installation and support, including several ways for remote administration. In addition to the functions typical of wireless routers it provides many extra features which make it a perfect solution for a SOHO/SME requiring fixed wireless access to the Internet, Email, the Corporate Intranet etc.

Its powerful connections and features make the GlobeSurfer® 3G HSDPA ideally suited for a Small Office or at Home Office environment, for Mobile Offices such as a satellite office – a temporary office space or an office at a customer's site - for use as a Mobile Hotspot in e.g. taxi, trains, airplanes etc. or as a Back-Up solution to traditional wired networking/fixed lines.

“Connect anytime, anywhere”

KEY FEATURES INCLUDE

- > HSDPA/UMTS WAN interface
- > 802.11b/g and Ethernet LAN interface
- > Firewall – Security Policies with Stateful Packet Inspection
- > Routing – NAT, ALG modules, DMZ
- > VPN and Tunneling support
- > Network Services include DHCP, Time, DNS
- > Remote Management with SNMP
- > Zero-configuration UPnP support
- > Web based SMS client
- > R&TTE and GCF certified

TECHNICAL SPECIFICATIONS

- > Wireless WAN interface
 - . WCDMA
 - > FDD 2100 MHz
 - > Power Class 3 (+24dBm)
 - > HSDPA 1.8 Mbps downlink, 384 kbps uplink
 - > UMTS 384 kbps downlink, 128 kbps uplink
 - > Supports UL and DL Compressed Modes
 - . (E)GPRS
 - > 850/900/1800,1900 MHz
 - > GSM Power Class 4 (2W) for 900 band, GSM Power Class 1 (1W) for 1800 band
 - > GPRS Multislot Class 10
 - > GPRS Class B Type 1 MT
 - > GPRS CS1-CS4; EGPRS MCS1-MCS9
 - . Regulatory & Certification
 - > R&TTE and GCF
- > Firewall and Router Features
 - . Advanced NAT
 - . MAC address filtering
 - . Demilitarized Zone (DMZ)
 - . DoS and intrusion protection
 - . Stateful Packet Inspection
 - . Configurable Security Policies
- . Comprehensive Application Level Gateway modules
 - . VRRP (Virtual Router Redundancy Protocol)
 - . Event logging
- > VPN Tunneling
 - . Version 1 and 2 compatible PPTP client and server
 - . Fully featured and highly compatible IPSEC tunnel client and server
 - . L2TP client
- > LAN interfaces
 - . Ethernet
 - > 10/100 Mbps Auto MDIX
 - . 802.11b/g
 - > 128 bit WEP, WPA
 - > WPA2 and 802.11i
 - > MAC blocking
 - > Can disable radio interface
 - > Bridged or routed traffic between Ethernet and 802.11b/g
 - . LAN Services
 - > DHCP server and proxy
 - > DNS server and proxy
 - > Time
 - . SMS
 - > SMS send and receive through web interface

ADDITIONAL SPECIFICATIONS

- > Firmware Upgrade - manual or automatic download via FTP or HTTPS
- > Remote configuration using SNMP v 1,2 & 3 or CLI
- > Logging of Router/Firewall statistics and WLAN traffic
- > Large LCD Display (128 x 64 pixels) showing WAN, WLAN and LAN status, SMS received and current time
- > External 220V - EU & UK, 110V US power adaptor
- > Dimensions: 150 x 100 x 42 mm
- > Weight: 300 g plus charger
- > Operating environment - for indoor use:
 - . 0-60 degrees Celsius
 - . 0-95 % humidity

As part of their continual product improvement process Option reserve the right to alter the specifications for the product detailed here. "GlobeSurfer" is a registered trademark of Option.