



# GlobeSurfer® II

- Combines Circuit switched telephony service, Wi-Fi and Ethernet gateway in one device
- Instant wireless broadband access for multiple users
- No software installation needed
- Works on HSDPA, UMTS, EDGE, GPRS and GSM networks



## About GlobeSurfer® II (Model: GS 0101)

GlobeSurfer® II Wireless voice/data gateway is a complete, top-performance Fixed Mobile Convergence device, offering up to 1.8 Mbps wireless data connectivity on public HSDPA networks, combined with support for legacy telephone services.

GlobeSurfer® II offers Internet access to any Wi-Fi equipped PC, without the need for a fixed public network line connection. No need either for any additional software installation on the PC. Because it uses the mobile public network for Internet connectivity, GlobeSurfer® II is ideal for workgroups working in temporary locations.

It is also the easiest to use solution to complement or replace a fixed line access at home. The completely wireless configuration enables free placement inside the house, thereby optimizing radio reception, even in difficult environments. Moreover, GlobeSurfer® II offers traditional circuit-switched telephony service by simply plugging any plain telephone set to its analog RJ11 connector.

GlobeSurfer® II's sleek and elegant design and intuitive user interface, including an easy to read, informative display and web based control panel, ensure wide acceptance in both private and professional environments.

## Features

- Wi-Fi certified combined Wi-Fi and Ethernet gateway
- Works with your existing fixed line telephone at home or in the office
- High speed with HSDPA and UMTS data (up to 1.8 Mbps downlink and 384 Kbps uplink) and backward compatible with EDGE/GPRS/GSM data connectivity (up to 247 Kbps)
- Global connectivity with triple-band HSDPA/UMTS (850/1900/2100 Mhz) and quad-band EDGE/GPRS/GSM (850/900/1800/1900 Mhz)
- Always gets the best out of the network, even at the borders of coverage, due to its Advanced Receiver Technology, incorporating Receiver Diversity and Equalisation
- Visual feedback of connection status on the display and the web based user interface
- Compatible with nearly all modern desktop and laptop PC's equipped with Microsoft OS (2000, XP, XP Pro and Vista) and MAC OS X



## Technical specifications

- Wireless WAN interface
  - UMTS/HSDPA
    - WCDMA 850/1900/2100 MHz
    - 3GPP FDD compliant 1.8 Mbps peak rate
    - UE Power Class 3 (+24 dBm)
  - EDGE
    - 850/900/1800/1900 MHz
    - GSM Power Class 4 (2W) for 850/900 bands
    - GSM Power Class 1 (1W) for 1800/1900 bands
    - EDGE class E2 (+27 dBm in 850/900 bands, +26 dBm in 1800/1900 bands)
    - GPRS/EDGE Multislot Class 10 (4 slots Rx, 2 slots Tx, 5 max active)
    - GPRS/EDGE Class B Type 1 MT
  - Voice support (UMTS and GSM)
    - RJ-11 POTS port
    - AMR, FR, HFR voice codecs
    - Concurrent voice and data (or UMTS)
    - DTMF signal pass-through
    - Caller ID presentation on OLED display
- LAN interfaces
  - IEEE 802.11b/g WLAN Access Point
    - WEP, WPA, WPA2, 802.11i
    - MAC address blocking
      - Possible to disable WLAN radio
  - Ethernet
    - 10/100 Mbps Auto MDIX
- LAN services
  - DHCP server and proxy
  - DNS server and proxy
- VPN functionality
  - VPN pass-through
  - PPTP and IPSec client and server
  - L2TP client
- Firewall and Gateway features
  - Advanced NAT
  - MAC address filtering
  - Demilitarized Zone (DMZ)
  - DoS and intrusion protection
  - Stateful Packet Inspection
  - Configurable security policies
  - Application Level Gateway (ALG) modules
  - Event logging
    - DHCP server and proxy
    - DNS server and proxy
    - Time
- SMS
  - SMS send and receive through web interface

## Additional specifications

- OLED display (128 x 64 pixels) showing device status, network information, signal strength, new SMS indicator, missed calls, current time and animations during boot/shutdown
- External antenna connector
- Remote management through SNMP v1, 2 & 3 and Command Line Interface (CLI)
- Intuitive wizard driven configuration
- External 220 - 240V EU & UK, 110V US power adapter
- Dimensions: 150 x 100 x 32 mm
- Weight: 255 g plus power adapter
- Wall mountable
- Operating environment - for indoor use:
  - 0°C to + 50°C
  - 5-95 % humidity

## Approvals & Certifications

- All applicable regulatory approvals, Operator and Infrastructure IOT
- Microsoft WHQL certified drivers

## Available accessories

- Desktop stand
- External antenna
- 12/24 V vehicle power supply

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