GLOBETROTTER

Universal Tri-Band GPRS/GSM PC-radio Card

GlobeTrotter is the ultimate solution to provide high performance wireless functionality for Laptops, Notebooks, and Handheld PDA's enabling users to make telephone calls, browse the Internet, send and receive e-mails with SIM phonebook management seamlessly integrated with Microsoft Outlook™.

The "Always On" feature of GPRS lends itself to real time remote connectivity and is ideal for the synchronisation of handheld and mobile devices with the office or home computer. GlobeTrotter is designed to support IPsec client software providing secure remote IP mobile access to corporate networks.

OPTION
WIRELESS TECHNOLOGY

ABOUT OPTION

Option is the leading innovator in wireless communications. The company designs, develops, and manufactures a range of wireless solutions bringing, mobile Internet, Data and Voice capabilities to portable PC's and hand-held computers. Option has built an enviable reputation for creating exciting new products that enhance the performance and functionality of wireless communications.

Option's headquarters are in Leuven, Belgium. The company has R&D centers in Leuven, and Cambridge (UK), a Software Center in Adelsried (Germany), and a purpose designed manufacturing facility in Cork, Ireland. More information about Option and its products can be found at www.option.com

Option
Kolonel Begaultlaan 45 | 3012 Leuven Belgium
T +32 16 317 411 | F +32 16 207 164
www.option.com | info@option.com

FEATURES

> Tri-band PC Radio Card suitable for use on GSM networks worldwide
> Provides GSM Voice capability as well as GSM and GPRS Data connectivity to mobile users
> Compatible with nearly all popular Notebook PCs, Portables, and PDA's equipped with Type II PC Card slot and Microsoft Windows® operating system
> Multislot Class 10 (4+2); Simultaneous GSM and GPRS registration
> Dual-voltage card: 3,3V & 5V
> Multitasking: data can be transferred whilst monitoring for GSM Voice calls and simultaneously reporting network coverage
> Future Proof - Flash upgradeable technology ensuring the latest GSM and GPRS functionality
> Supports IPsec client software for end to end secure corporate data exchange and synchronisation over VPN
> Revolutionary integral Tri-band antenna design with "autosence" technology
> Wireless Communication Manager - WCM, provides SMS and Phone utilities to your mobile device
> Optional Accessories: Quality Headset; External Tri-band antenne

SPECIFICATIONS

> GPRS/GSM Air Interface:
  . Tri-band operation EGSM 900; GSM 1800; PCS 1900
  . GSM Phase 2+ Voice, Data, SMS, ALS, SS, USSD to ETSI SMG31 recommendations
  . GPRS Class B, Type 1 GPRS MT
  . Muiltislot Class 10 GSM 05.02 (4 slots receive, 2 slot transmit, 5 maximum active)
  . RLC/MAC Fixed, dynamic and extended dynamic resource allocation support
  . GPRS session management (NSAPI) 7 connections, V.42bis and TCP/IP header compression.
  . GPRS SMS GSMS Supported
  . SIM standards Phase1, 2, 2+, CPHS
  . SIM Application Toolkit release 98/99
> Terminal Equipment Interfaces:
  . Operating Systems: Windows® 98/ME, 2000 Pro, NT4, XP Pro/Home Edition, CE 3.0 & 3.1 (PPC 2000, PPC 2002 & HPC 2000)
  . AT Interface GSM 07.05, 07.07, ATD*99# support, Voice and Unimodem extensions
  . Telephony support MSTM TAPI
  . COM port driver Emulation of standard COM port UART for compatibility with standard terminal programs/dialers

HARDWARE FEATURES

> Card Type: Type II PCMCIA compliant
> External Interfaces: Miniature External Antenna (radial M-card) Connection,2.5 mm standard Headset connector, Status LED
> Terminal Equipment (TE) connector: PCMCIA Standard 68 pin
> SIM card Interface: Low profile, 6 contact connector on topside of card. Compliant with GSM 11.11, 11.12
> Memory: 16 Mb Flash technology for easy upgrade
> Integral antenna: Robust, retractable and flexible. User replaceable
> Audio: External headset
> Dimensions / Weight: 90 x 54 x 5mm / 45 g
> Environmental operating conditions: -10 to +75 Deg. C
> Power Consumption: 30µA, when card is switched off
> Power down: < 1mA
> Idle mode: <50mA max.
> Registered Full Power: 550mA ave. (2W, Multislot Class 10 operation)