

High-performance, multi-band Wireless Datacard A professional performance solution

- > Wireless DSL-like speed: Upload 2.0Mbps, download 7.2Mbps
- > Triple-band 3G and Quad-Band 2G support for worldwide coverage
- > High Performance ExpressCard design with Advanced Receiver Technology
- > Zero-CD[®] Plug 'n' Play technology



GlobeTrotter® Express HSUPA

The GlobeTrotter® Express HSUPA delivers a high performance Internet experience using the latest ExpressCard format – with the added reassurance of Advanced Receiver Technology.

It's as fast as DSL thanks to HSPA technology (HSDPA and HSUPA combined) – essential in today's vast media environment. There's integrated support for UMTS operation, and the fold-out antenna – part of the built-in Advanced Receiver Technology (ART) – increases reliability in weak signal areas.

The GlobeTrotter® Express HSUPA is designed to be user-friendly too. Everything required to go online is downloaded and installed automatically when you connect to a computer for the first time. The product can also be supplied with an optional Cardbus converter for extra compatibility.

Worldwide coverage through triple-band HSUPA/HSDPA/UMTS, quad band EDGE/GSM

Advanced Receiver Technology incorporating Receiver Diversity and Equalization

Compatible with nearly all popular notebook PC's equipped with ExpressCard/34 card slot

HSUPA upload (up to 2Mbps), HSDPA and UMTS download (up to 7.2Mbps)

Zero-CD® Plug 'n' Play Technology

Optional Cardbus-ExpressCard Converter



Specifications

- > Transparent hand-over between UMTS and GSM/EDGE networks
- > Securely access corporate resources with its transparent support for IPSec and VPN technology
- > PCSC-driver for EAP-SIM and other 3-party applications in need of a Smart Card interface
- > Supports third party applications that provide Video Telephony (3GPP 3G-324M, H.324, H264 Baseline Video), SIP, SMS, IM, MMS, Internet and e-mail
- > Comprehensively tested on infrastructures and networks worldwide
- > Future proofing through Flash Memory technology

HSUPA/HSDPA/UMTS AIR INTERFACE

- > WCDMA 850/1900/2100 MHz
- > 3GPP FDD compliant, up to 7.2Mbps Peak Rate
- > UE Power Class 3
- > HSUPA Category 5
- > High Speed packet-switched data:
 - > Support for UMTS QoS traffic classes
 - > Support for PPP, IP transparent and non-transparent modes
- > Circuit-switched data Single-RAB streaming: 64, 57.6, 28.8 and 14.4Kbps
- > Dual antenna Receiver Diversity
 - > GE 301: EMEA variant supporting diversity on 2100 MHz
 - > GE 302: World variant supporting diversity on 850 and 1900 MHz
- > Receiver Equalization

EDGE/GSM Air Interface

- > 850/900/1800/1900 MHz
- > EDGE Power Class E2, GSM Power Class 1 at 1800/1900 MHz and Power Class 4 at 850/900 MHz; coding scheme UL & DL – CS 1-4, MCS 1-9
- > Packet-switched data:
 - > Multislot (E)GPRS Class 12, (E)GPRS Class B Type 1 MT
 - > Streaming, Background and Interactive
 - > QoS Classes Supported
- > Circuit-switched data: 14.4, 12.2 and 9.6Kbps

Terminal Equipment Interfaces

- > Drivers: Windows™ 2000 Pro, Personal and XP Pro/Home, Vista and Mac OS X
- > A PCSC compatible driver, compliant with ISO 7816 and 3GPP TS11.11
- > SIM-ME interface as specified in 3GPP GSM TS11.11 and GSM 11.12 and with compliance to ISO 7816
- > SIM Application toolkit capable SIM to 3GPP GSM TS11.14
- > NDIS or Standard modem emulation for compatibility with terminal programs/dialers and for use with proprietary operating systems. AT Interface 3GPP TS27.005, ATD*99# and ATD*99***<CID># support
- > Multiple communication ports for simultaneous data call and network coverage reports

Hardware specifications

- > Card Type: ExpressCard/34
- > Miniature External Antenna Connection
- > Red LED for GSM/GPRS/ EDGE and blue LED for HSUPA/HSDPA/UMTS

- > SIM card interface compliant with 3GPP 31.101 and 31.102 supporting 1.8 and 3V UICCs
- > Environmental Operating temperature: 0°C to +55°C

Approvals & Certifications

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

- > RoHS Compliant



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