# *i*CON **225**

- Most compact HSDPA USB stick with dimensions of 63 x 26 x 13 mm

- Easy direct connection to any PC

- Single-band UMTS (2100) and quad-band EDGE / GPRS for worldwide operation

- High speed: HSDPA up to 7.2 Mbps download, EDGE up to 247 kbps

- Wide range of certifications and infrastructure testing

## About *i*CON **225**

The *i*CON 225 is a new generation of HSDPA product specifically designed for smallest size and highest performance at lowest cost.

The *i*CON 225 is packaged as a very compact and light-weight USB stick, ensuring maximum portability and user convenience in fixed or mobile environments.

The *i*CON 225 benefits from Option's extensive experience designing and producing the most advanced wireless devices applied to an HSDPA specific product. In particular, ease-of-use, radio and antenna performances are all leveraging Option's advances in their top-of-the-line HSPA products.

The *i*CON 225 is Option's response to the pressing market demand for a very small size yet high-performance wireless connectivity solution focused on consumer and prosumer segments.

The *i*CON 225 is usable worldwide thanks to quad-band GPRS/EDGE support. It can therefore also be used as a convenient data roaming solution for travelers, enabling access to E-mail and Internet virtually everywhere in the world.

## Features

- Small USB stick form factor 63 x 26 x 13 mm, weight of only 40 g
- Multimode HSDPA / UMTS / EDGE / GPRS / GSM
- Worldwide coverage with quad-band EDGE / GPRS / GSM
- HSDPA up to 7.2 Mbps
- EDGE / GPRS / GSM data (up to 247 kbps) connectivity
- Zero-CD Plug 'n' Play technology supported by 64 MB internal 'nand' memory
- Transparent support for IPSec and VPN technology
- Comprehensively tested on infrastructures and networks worldwide
- Future proof through upgradeable FW in Flash Memory

Designed for Windows® XP
Windows Vista™ Capable

Mac

GlobeTrotter CONNECT

GlobeTrotter CONNECT For Mac OS

## Specifications

- WCDMA
  - 2100 Mhz
  - Advanced Receiver with equalizer
  - HSDPA modes:
    - HSDPA 1.8: Categories 1-4, 11 and 12
    - HSDPA 3.6: Categories 5 and 6
    - HSDPA 7.2: Category 8
  - UE Power Class 3

- E-GPRS
  - 850 / 900 / 1800 / 1900 MHz
  - GSM Power Class 4 (2W) for 850 / 900 bands, GSM
  - Power Class 1 (1W) for 1800 / 1900 bands
    - EDGE / GPRS air interface
      - 3GPP Rel99 with selected Rel4 features
      - 850 / 900 / 1800 / 1900 MHz
      - GSM Power Class 4 (2W) for 850 / 900 bands
      - GSM Power Class 1 (1W) for 1800 / 1900 bands
      - EDGE 8PSK class E2 (+27 dBm in 850 / 900 bands, +26 dBm in 1800 / 1900 bands)
      - GPRS / EGPRS Multislot Class 12 (4 slots Rx, 4 slots Tx)
      - GPRS / EDGE Class B Type 1 MT
      - GPRS CS1-CS4; EDGE MCS1-MCS9
      - EDGE data throughput (peak): 247 Kbps
      - EDGE data throughput (average): 215 Kbps downlink and 200 Kbps uplink
      - Circuit-switched data: 14.4 and 9.6 Kbps
    - Terminal Equipment Interfaces
      - USB 2.0 Full speed
      - Drivers: Windows™ 2000 Pro, Personal and XP Pro / Home, Vista and MAC OS X
      - 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 / diallers 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

- USB stick with USB connector protection cap
- Status LED indicators
- SIM card interface compliant with 3GPP 31.101 and 31.102 supporting 1.8 and 3V UICCs
- Environmental Operating temperature: 0 to +55ºC
- RoHS Compliant

## Approvals & Certifications

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