



iCON 031

- World's smallest EDGE USB stick
- Easy direct connection to any PC
- Quad-band EDGE/GPRS for worldwide operation
- High speed: up to 247 Kbps peak
- Multimode EDGE, GPRS and GSM
- Wide range of certifications and infrastructure testing



About iCON 031 (Model: GI 0031)

The iCON 031 is a very compact USB stick, ensuring maximum portability and use convenience in fixed or mobile environments.

The iCON 031 is benefiting from Option's experience in most advanced wireless devices applications, applied to an EDGE 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 iCON 031 is Option's response to the pressing market demand for a budget wireless connectivity solution for new mass markets and emerging countries. It can be used as a key instrument to offer Internet and E-mail access to large populations, even in areas with no or partial wireline 3G coverage. The iCON 031 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
- Multimode EDGE/GPRS/GSM
- Worldwide coverage with quad-band EDGE/GPRS/GSM
- Plug 'n' Play by use of Zero-CD™ technology
- EDGE/GPRS/GSM data (up to 247 kbps) connectivity
- Transparent support for IPSec and VPN technology
- Comprehensively tested on infrastructures and networks worldwide
- Future proof through upgradeable FW in Flash Memory



Specifications

- 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.
 - SIM-ME interface as specified in 3GPP GSM TS11.11 and GSM 11.12 and with compliance to ISO 7816
 - SIM card interface compliant with 3GPP 31.101 and 31.102 supporting 1.8 and 3V UICCs
 - 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 indicator
- Environmental Operating temperature: 0 to +55°C
- RoHS Compliant

Approvals & Certifications

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



As part of their continual product improvement process, Option reserves the right to alter the specifications for the product detailed here.