

iCON® 401



Full-featured HSUPA USB stick Internet connectivity and storage in a pocket-sized package

- > High-speed UMTS: Upload 2.0Mbps, download 7.2Mbps
- > USB data storage with Micro-SD card slot
- > Swivel antenna for optimum performance
- > Award winning design



iCON® 401

Combining innovative wireless and data technology with an intelligent swivel design, the iCON® 401 is the essential mobile business tool.

It offers high-speed data access for both HSUPA uploads and HSDPA downloads, and enables global usage in triple-band UMTS and quad-based GPRS/EDGE networks.

The iCON® 401's space-saving design means the antenna is housed in the swivel. This, coupled with diversity reception in the high bands, enhances Internet connection speeds. The swivel also serves as the USB adapter protection 'cap'.

Everything has been considered, from an off-centred USB adapter to ensure easy access to adjacent USB ports, to including a Micro-SD slot to ensure the iCON® 401 is future proof.

Compact, sleek-looking and highly-efficient – the iCON® 401 is designed for maximum performance.



Specifications

HSUPA/HSDPA/UMTS Air Interface

- > Multi-band FDD support
- > 900, 1900 and 2100 band support
- > 850, 1900 and 2100 band support
- > Rx diversity on high bands
- > Equalization
- > Power Class 3 (+24dBm)
- > HSUPA/HSDPA modes:
 - > HSUPA 7.2: Category 8
 - > HSDPA 3.6: Categories 5 and 6
 - > HSDPA 2.0: Category 5 (upgradable to Category 6)
 - > HSDPA 1.8: Categories 1-4, 11 and 12
- > UMTS: 383Kbps operation in up- and downlink
- > Support UL and DL Compressed Modes
- > UE Power Class 3

EDGE/GSM Air Interface

- > 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/EGPRS Multislot Class 12 (4 slots Rx, 4 slots Tx, (Rx+Tx)max=5)
- > GPRS/EGPRS Class B Type 1 MT
- > GPRS CS1-CS4; EGPRS MCS1-MCS9
- > 3GPP Rel99 with selected Rel4 features
- > EDGE 8PSK class E2 (+27 dBm in 850/900 bands, +26 dBm in 1800/1900 bands)
- > EDGE data throughput (peak): 247Kbps
- > EDGE data throughput (average): 200Kbps uplink and 215Kbps downlink

Powering and Interfacing

- > Powering is done through the USB interface
- > Multi-colour status LED indicators built into swivel
- > Terminal Equipment Interfaces
 - > USB 2.0 High Speed interface, fully compatible with USB 1.1 interface
 - > SIM card interface compliant with 3 GPP 31.101 and 31.102 supporting 1.8 and 3V UICCs
 - > Drivers: Windows™ 2000 Pro, Personal and XP Pro/Home 32/64bit, Vista 32/64bit, MAC OS
 - > PCSC compatible driver, compliant with ISO 7816 and 3GPP TS11.11 supporting only USIMs which have logical channel support

- > 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
- > Micro-SD card-reader for additional user memory, storing personal files, e.g. documents, photos, music, films etc.

Environmental

- > Operating Temperature 0°C to +40°C
- > RoHS compliant

Approvals & Certifications

- > All applicable regulatory approvals (i.e. FCC, R&TTE, GCF), Operator and Infrastructure IOT
- > Microsoft WHQL certified drivers



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