



Powered by **HSDPA** module, the IWC-710 Mobile Router is a powerful wireless networking device designed to meet today's 3G networks capability.

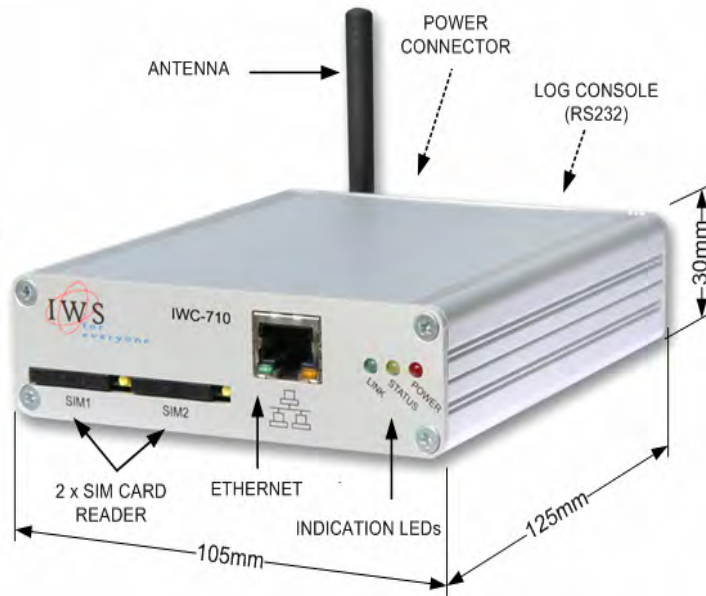
It's high-speed robust communications makes the IWC-710 good choice for various mobile networking applications. The router offers the perfect solutions for primary or redundant connectivity to any network device over **high-speed cellular data networks**.

To ensure the **transmission redundancy**, the product is **able to use two separate GSM networks**.

Meeting the demand for real-time, high speed communications the router is ideally tailored to mission critical applications like video streaming in Public Safety, Field Force Automation, Fleet Management, Mobile Enterprise or Asset Tracking.

Implemented protocols ensures transmission security and current firmware makes the platform for **further modifications, according to end user specifications**.

The router incorporates microcontroller equipped with powerful resources, working under socket based TCP/IP stack driven by real time operating system (RTOS). This architecture allows performing IP routing services, as well as other custom defined actions. **As a result of customization the user receives a device which entirely meets his requirements.**



Hardware

- Dual SIM card reader:
 - SIM 1 – main GSM network
 - SIM 2 – backup GSM network
- Air Data Services
 - 850/1900/2100 MHz UMTS
 - Forward link up to 3.6 Mbps
 - Reverse link up to 384 kbps
 - 850/900/1800/1900 MHz GSM/ GPRS/EDGE
 - Forward link up to 216 kbps
 - Reverse link up to 108 kbps
- Data interface
 - Ethernet 10/100Mbps
 - Serial RS232 (log console)
- Antenna: 50Ω SMA connector
- Power supply: 8 to 30 V DC
- Indication LEDs
 - Power
 - Device status
 - Air link
 - Ethernet
- Operating temperature: -20°C to +60°C
- Size: 10,5cm x 3cm x 12,5 cm
- Weight: 300g

Software

- Management: HTTP server and local acces
- Protocols:
 - TCP
 - IP
 - PPP (PAP or CHAP authentication)
 - ARP
 - ICMP
 - UDP
 - HTTP
 - GRE
- Network features:
 - Detection of network problems and automatic switch over to second SIM card
 - DHCP Server
 - Keep alive
 - TCP/IP SYN/ACK route inspection
 - Automatic connection recovery
 - NAT table enabling incoming traffic
 - GRE tunneling with keep alive option

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