

iQsim 250

2-8 ports Router 2G/3G/4G

Key benefits

Internet Connectivity over LTE (4G)

Portable GSM Gateway

Up to 8 GSM Channels
2G/3G/4G

Compact size, Fan-less

Simultaneously support
Data, Voice and SMS
services

Business Oriented Software
Configuration

The iQsim 250 Router is a **compact and modular telecom device** which can embeds up to eight 2G/3G or 4G modems.

The iQsim 250 is **ideal for in-vehicle or residential houses** field deployment to provide local Mobile network access points.

The iQsim 250 natively supports iQsim VSIM technology : this enables **SIM cards to be stored centrally on SIM Racks** and allocated on demand to the iQsim M250 device.



iQsim 250: Software Configuration

› M250 - Gateway for Call Termination or Bulk SMS

The M250 comes with a software configuration tailored for **efficient call and SMS routing**. The M250 **embeds a dedicated 4G/3G modem** to provide an **internet access over LTE network**. Gateways become portable and do not require anymore fixed line connectivity enabling **in-vehicle or residential houses** field deployment.

› R250 - Robot for Mobile Testing

The R250 comes with the **powerful R2D2 API** to give to Integrators and Mobile Operators the perfect **open platform to perform Qos/QoE test scenarii** on Mobile networks.

iQsim R250 can generate **any type of traffic to GSM network** including voice call, SMS, MMS, USSD, WAP/HTTP, SMTP, FTP and more.

› CR250 - Router for Enterprise Mobile Communication

The CR250 enables connectivity with **multiple networks including VOIP, ISDN and Mobile**. Outgoing phone calls are routed to the appropriate network based on the service requested. In addition, the CR250 offers **an efficient backup link for your voice and data traffic** through GSM network.



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iQsim 250 Features	
Virtual SIM Technology/SIM Server	IRON Suite or IRON SIM Server One
GSM Interfaces	Up to 8 Modems 2G/3G/4G 2G : GSM 850-900-1800-1900 MHz 3G : Pentaband UMTS 800-850-900-1900-2100 MHz 4G Europe : LTE B1, B3, B5, B7, B8, B20, B38, B40, B41 4G US : LTE B2, B4, B12
Dimensions & Weight	271 mm x 184 mm x 45 mm (LxDxH) Weight : 1.25 kg (2.5 kg with packaging)
Internet Connectivity	2x Ethernet 10/100 ports 4G embedded modem for Mobile connectivity over LTE
Power Supply	DC 12V, 24V, 36V or Autoranging 100-240 V AC
R250 Software Features	
Supported Functions	Voice Call, SMS, MMS, USSD, GPS, DATA, WAP/HTTP, SMTP, FTP, CDR, GSM Supplementary Services and SIM info
SIM Card Management	Local SIM cards or remote SIM through iQsim SIM Server technology
3rd Party Appl. Integration	Yes - System : Linux 3.0 - 4G Storage Available
M250 Software Features	
VoIP	Up to 8 simultaneous calls - ViBE client embedded - Codecs G.711, G.729, G.723
SMS	SMS In/Out, SMS Reply & Delivery Report SMPP delivered with IRON Suite
SIM Server	IRON Suite or IRON SIM Server One required IMEI management, HBS, Price Plan, IRON eVS technology
CR250 Software Features	
Voice	Multi-Network Voice Routing : VOIP, GSM, ISDN Incoming/Outgoing Calls, Callback by call or SMS, Last Caller
SMS	SMS In/Out by HTTP, SMPP 3.4+ or SMTP(Email) Notifications (Sent and Delivery) SMS Reply, STOP (Unsubscribe), SMS Flash
FAX	One Number FAX/Fixe/Mobile (VoiceFAX) VoiceFAX RNIS, Fax over IP (T.38 Store and Forward) FAX <-> Email (T.37)

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