Mobile Gateway M100
for Professional Mobile Termination

Key benefits

Quad-Band GSM modules

4 or 8 GSM ports in a 1U format

IRON Suite Compatible and Ready

Dynamic IP Support and NAT transversal

DHCP Support for an easy deployment

Fanless - Noise Level 0 dB

The **iQsim M100 IP/GSM** mobile gateway offers up to 8 GSM Channels in a **1U low footprint format.** M100 GSM gateways can be deployed at **customer premises** such as retail outlets, small offices, colocations and **residential environments.**

Combined with **iQsim SIM Server technology,** they offer the ideal solution for distributed call and/or SMS termination.

iQsim M100 Gateway Benefits

› **Installation within 2 minutes!**
Connect an Ethernet cable, a power cord and the M100 gateway is ready to be used. The entire configuration is centralized on the **IRON SIM Server.** The M100 is immediately ready to accept calls and/or SMS and route them to the mobile network.

› **No compromised on Quality!**
The Voice quality Level combined with the fast Post Dial Delay (PDD) maximizes the Average Call Duration (ACD) to **provide end-users good service Quality.** The iQsim M100 gateway embeds state-of-the-art GSM engines as well as a unique voice-detection technology to provide **optimal voice quality and fast service routing.**

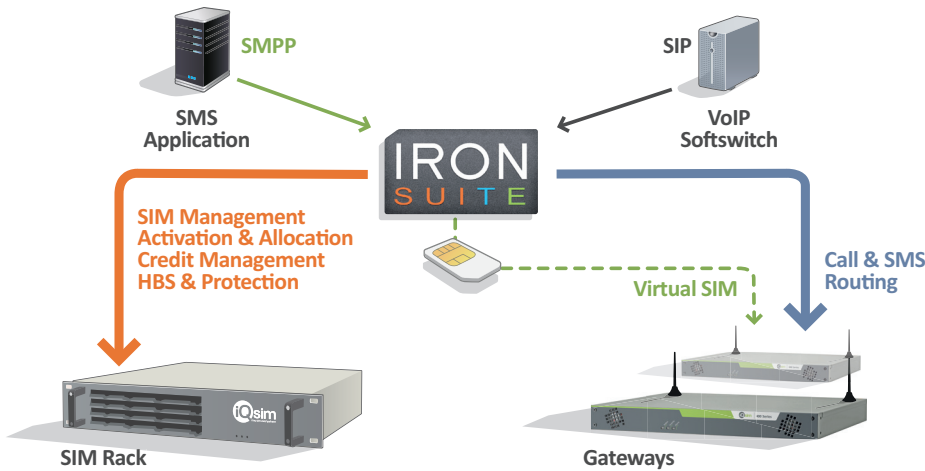› **«SIM Server Ready» for Flexibility and Security**
Mobile Gateways M100 are deployed SIM-less. Once installed in their locations, they **connect themselves to the IRON SIM Server to receive SIM cards.** This offers the flexibility to use any SIM card onto any GSM port at any time and also to store all SIM cards in a secured place avoiding loss or theft.

iQsim

iQsim provides industry leading solutions enabling Cost-Reduction, Mobile Call & Bulk SMS Termination and Mobile Automation for Operators and Enterprises of all sizes.

Product Datasheet

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SIM Management solution for Call Termination

iQsim SIM Management solution consists of 3 entities:
- **IRON Suite** or **IRON SIM Server One** which provides appliances to manage SIM control, SIM routing and SIM protection,
- **SIM Racks,** SIM cards storage units,
- **Mobile Gateways,** GSM or 3G connectivity.

All components communicate with each other through TCP/IP and can be dispersed in different locations and countries.

Mobile Gateways with IRON Suite Technology

IRON Suite manages SIM cards on behalf of the gateway. It allocates **the most appropriate SIM card to each GSM port** of the gateway. The device will then access the SIM card information over IP by establishing a direct link to the SIM Rack.

The IRON Suite solution **routes IP to GSM calls to individual SIM cards once the call has been qualified and accepted.** In addition, it centralizes communication between the gateway and all IRON Suite components.

Mobile Gateway M100

Dimensions & Weight	45mm x 255 mm x 222 mm (LxDxH) 1/2 19'' (Rackable 1U by two) - 2,1 Kg
Power requirements	Auto ranging power supply 100-240 V AC - 45W (maximum)
Local network	Ethernet 10/100 Mbps, TCP/IP protocol
Compliancy	CE Marking
GSM/3G Channels	4 or 8
Frequencies	GSM 850/900/1800/1900 MHz
VOIP	Up to 8 simultaneous calls. IRON Suite or IRON SIM Server One required
VOIP CODECs	G.711, A-Law/µ-Law, G.723.1, G.729, G.729a, G.729ab
False Answer Supervision (FAS)	Tones, Ringing, Voice Mail announcement advanced detection controlled

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