

# iQsim MR40

## Business CPE Router

### Key benefits

Mobile internet over LTE, LTE-A and 5G

Portable Mobile Router

WIFI 2,4 and 5,8 Ghz

Removable Antennas

4 x Ethernet 1Gbps Ports

Compact size, fanless, 12V DC router

OpenWRT Inside

Ideal for Remote workers and Small Businesses

The iQsim MR40 Router is a **compact and modular telecom router** which support 4G to 5G connectivity and a WIFI server.

The iQim MR40 is **ideal for remote workers, residential houses or small business** field deployment to provide local Mobile network access points.

The iQsim MR40 natively supports iQsim VSIM technology : this enables **SIM cards to be stored centrally on SIM Racks** and allocated on demand to the iQsim MR40.



### iQsim MR40 Features

#### Mobile Internet with VSIM technology

The MR40 comes with a VSIM-enabled router software to provide **data connectivity over 4G/5G networks** using Virtual SIM technology.

The connection to the Virtual SIM Server is ensured through a dedicated 4G modem equipped with a M2M SIM card.

The MR40 delivers **Internet connectivity for temporary events, residential houses, remote workers or small businesses.**

The MR40 comes with OpenWRT inside.



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### iQsim MR40 Features

Virtual SIM Technology/SIM Server	IRON Suite Service or On-Premise
Mobile Interfaces	1 x Modem 4G cat 4 for vSIM management 1 x Modem 4G cat 6, 12 or 5G for Internet Connectivity
Dimensions & Weight	217 mm x 140 mm x 30 mm (LxDxH) Weight : 0.5 kg Environmental conditions: -10°C to +70°C
Internet Connectivity	4x LAN Gigabits Ethernet ports 1x WAN Gigabits Ethernet port - PPPoE, Dynamic/Static IP, Can be used as additional LAN port.
WIFI	IEEE 802.11n/g/b/a/ac, up to WIFI 5 Dual-band up to 1200 Mbps 2,4 Ghz and 5,8 Ghz
Power Supply	DC 12V - 2A, Power consumption < 24W

### Software Features and Interfaces

Data Software	VLAN, Firewall, NAT, VPN, DHCP Server, Port Forwarding, DMZ, DDNS, Static Routing, Bandwith Control, System Logs
SIM Card Management	Local or Remote SIM Card Allocation and Management Hosted as a service or Software as a product
Data Link Control	Web based management interface, SIM Assigned from IRON Suite, Data Link Monitoring, Automatic Startup, Automatically change Mobile Operator if no network detected, Mobile band lock and lock to cell features
Antennas	2 x Dual-Bands Antennas for WIFI 2,4 and 5,8 Ghz 2 x Antennas for 4G Modem Up to 4 x Antennas for 4G/5G Modem
Interfaces	1x USB 2.0 Port, 1x Reset Button, 1x SIM Tray

