

# iGate R4G-22N 4G/LTE MOBILE ROUTER

**iGate R4G-22N** is a mobile broadband router that using 4G/LTE technology to enable fixed wireless broadband access. With iGate R4G-22N, you'll appreciate the high speed of the 4G LTE Category 4 mobile broadband technology, especially if you live out of reach of conventional broadband.

It's capable of up to 150 Mbps downloads and 50 Mbps uploads with 4G LTE and wide coverage of 300 Mbps speed of 802.11n Wi-Fi, **iGate R4G-22N** give you smoothly-streaming HD videos and fast file sharing anywhere.

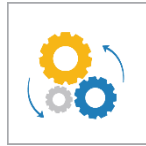
**iGate R4G-22N** has a built-in Micro SIM/USIM card slot that lets you share a mobile broadband connection to surf the web, download apps, stream media and more — with no messy cables!



## HIGHLIGHTS



**High reliability**  
Superior Stability  
(32+ devices)  
Broadcom &  
Qualcom chipset



**Easy Management**  
WebGUI  
Telnet/SSH



**High Performance**  
4G LTE Category 4  
(150/50 Mbps)  
WiFi 802.11n  
(300Mbps)



**Ease of Use**  
Plug and Play (Micro  
SIM/USIM card)  
WiFi On/Off button  
Online FW Upgrade



**Multi-WAN**  
3G/4G Micro SIM Card  
WAN Connection  
Backup via Ethernet or  
WiFi Repeater

## DEPLOYMENT MODELS

### Accessing the Internet Through a Mobile Network (LTE/UMTS/GSM)

iGate R4G-22N can access the Internet through nearest BTS/eNodeB of mobile networks.

### Accessing the Internet Through an Ethernet/WiFi Network

Connect the iGate R4G-22N's WAN/LAN port to an Internet Router's Ethernet port using a network cable. Or Connect the iGate R4G-22N to Internet Router's SSID via WiFi Repeater.



## PRODUCT FEATURES

### Wireless Features

- Operating Mode: LTE Modem, Router, Access Point
- Auto, manual APN Configuration
- Mobile network mode (Fixed-mode (LTE/3G/2G) or Auto-mode)
- SMS (Read/Send/Save/Delete)

### Management Features

- Local Management with WebGUI/ Telnet/SSH
- Device Information (Operator, IMEI, IMSI, Mode, MAC, RSSI, BER)
- Connection Statistic (Downloaded/Uploaded Data Download/Upload Speed)
- Diagnostics Tool: Ping, Trace, Log
- Upgrade FW: Local, Remote
- Backup, Restore Configuration
- Operator SIM/USIM Lock (Optional)

### Security Features

- WEP, WPA-PSK, WPA2-PSK
- TKIP & AES Encryption
- MAC Filtering
- SSID Hidden
- WPS

### Network Features

- Forward & Routing Traffic: Bridging/ routing/ Static routing
- DHCPv4 (Server, Client list)
- PPPoE Client
- VPN Passthrough (IPSEC)
- VLAN
- IPv4
- NAT & Port Forwarding
- DNS

### Multi-WAN Features

- LTE/3G/2G Conectivity
- Ethernet WAN Conectivity
- WiFi Repeater WAN Conectivity

## PRODUCT SPECIFICATIONS

### Hardware

- CPU Broadcom  
Dual core 600 MHz
- RAM 128 MB DDRIII
- Flash 1xUSB Type B

### LTE

- FDD-LTE Band 1/3/7/8 (2100, 1800, 2600, 900 MHz)
- TDD-LTE Band 38/40/41 (2600, 2300, 2500 MHz)
- UMTS/  
HSDPA/  
HSPA+ Dual-Band 1/8 (2100, 900 MHz)
- GSM/GPRS/  
EDGE Band 3/8 (1800, 900 MHz)
- Data Rates FDD/TDD-LTE Cat 4 (150Mbps/50Mbps)
- Antenna Internal MIMO 1:2

### Interfaces

- WAN 1x 10/100/1000 Base-T (RJ-45)
- LAN 1x 10/100 Base-T Ethernet Port
- SIM/USIM 1x Micro SIM Card slot

### WiFi

- IEEE 802.11 b/g/n Standards
- PHY Rate 300Mbps
- Frequency 2.4 - 2.4835 GHz
- Antenna External MIMO 2x2
- SSID 4 SSIDs
- CCU 32 User




### Powers

- Types DC 12V-1.5A
- Power Consumption 12W (MAX)

### Others

- Operating 0°C to + 50°C
- Humidity ≤95%
- Mounting Stand/Wall
- Dimension 135x42x165mm

## CUSTOMER CARE & TECHNICAL SUPPORT CENTRE

-  **Address:**  
1st floor, VNPT Technology Building, No. 124, Hoang Quoc Viet Str., Cau Giay Dist., Hanoi
-  **Telephone:**  
+84.24.3750.6666 (24/7)
-  **Email:**  
[support@vnpt-technology.vn](mailto:support@vnpt-technology.vn)