

## VigSys Product Review Sheet

**Product Model** : VigSys VR20 – Wireless Data Gateway  
**Date of release** : Mar 2008, at the CeBIT Exhibition in Germany.  
**Date of Availability** : Now  
**Size** : 132mm x 36.5mm x 134mm

### Design

- Compact and squarish design makes it easy to be packed and go.
- Allow wall mount or horizontal placement.
- Integrated SIM card connector, no PC card required for Wireless Broadband connection

### Key Advantages:

- Ideal for SOHO or professionals who travel around and require onsite 'hotspot'. Temporary Work site as it is powered by 12V DC.
- Battery Option will soon be available to support up to 2 hours of operations without AC power making it truly portable for mobile applications eg. in vehicles, boats, hotel rooms, coffee shops, etc.
- Can used to back up fixed line Internet services where there are risks of power failure or line instability.
- Tested to work with Skype & other softphone-ware
- Firmware is Linux based & more features will be added in the near future with new firmware releases.
- Can be used in place of fixed line internet access due to comparable broadband subscription prices with the advantage of mobility.
- Can be used as back up to fixed line internet access.
- Not subject to potential lightning problems compared to fixed line broadband.

### Features

- Capable to support data speed up to 7.2Mbps using HSDPA and upload speed of up to 384Kbps.
- Supports Triband (850/1900/2100MHz) HSDPA/UMTS and Quadband(850/900/1800/1900MHz) for EDGE/GPRS. It is a truly global unit.
- Easy installation, basically required only insert the SIM card, the system will auto detect APN, user id and password make it convenient for mobile users especially for worldwide traveler.
- User can get connected without much configurations required.
- Auto switch to lower speed connection when higher speed connection is not available and vice versa.
- Works with Any service providers. It is an 'Unlocked' unit.
- Support 802.11b/g WLAN for transmission from 11Mbps up to 54Mbps.
- Ethernet port allows wired 10/100Mbps LAN connection.
- Web based Admin configuration utility.
- DHCP Server, Port forwarding and DDNS.
- Internet Access control via policies, Mac Address Filtering, and IP address filtering.
- Supports VPN Pass-through for PPTP or IPSEC.

### Security

- Protected with SPI (Stateful Packet Inspection) Firewall and NAT (Network Address Translation) security features.
- Secured WLAN through WEP, WPA and WPA2 Encryption.

### Performance

- It has been tested in truly mobile situation and works at up to 130KM/h making it suitable for highway driving and commuting to work, on the train, bus or taxi.
- Tested to run on long hours without degradation of performance.
- Tested to work with all 4 mobile broadband providers in Malaysia (Celcom, Digi, Maxis, Umobile).

### Target Markets

- For SOHO or professionals who travel around and require onsite 'hotspot'. Temporary Work site as it is powered by 12V DC.
- For businesses with short term rentals and/or requiring instant Internet Access in the office, and cant wait for fixed line Internet Access to be set up
- For tenants renting houses, apartments and even rooms with short term rental leases or without Internet Access provided by landlords
- For businesses to back up fixed line Internet services where there are risks of power failure or line instability in more mission critical applications
- For businesses requiring internet access on the move – transport companies, limousines, buses, coaches, etc
- To replace ADSL or Cable broadband at home at similar costs or less with added mobility advantages. See comparison table below:

Operator	Package	Monthly	Downlink	Uplink	Network	Type
<b>TM Streamyx</b>	<b>Combo 4</b>	<b>RM140</b>	<b>2.0 Mbps</b>	<b>384 Kbps</b>	<b>ADSL</b>	<b>FIXED</b>
<b>CELCOM</b>	Broadband Advance	RM98	3.6 Mbps	384 Kbps	HSDPA	Mobile
<b>DIGI</b>	DiGi Broadband	RM58	3.6 Mbps	384 Kbps	HSDPA	Mobile
<b>MAXIS</b>	Maxis 3G	RM99	3.6 Mbps	384 Kbps	HSDPA	Mobile
<b>UMOBILE</b>	Surf With U	RM78	3.6 Mbps	384 Kbps	HSDPA	Mobile

The product is distributed by VigSys Sdn Bhd:



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Lingkar Syed Putra  
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And also available from Xotapoint customer service center



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