



Cellular IP/V Router™

Cellular Connectivity For: Primary | Back-up | Out-of-Band Console Access

High performance 3G CDMA (EVDO Rev. A) and GSM (HSPA) embedded radio options

Failover from circuit disruptions

Failover from primary router failure

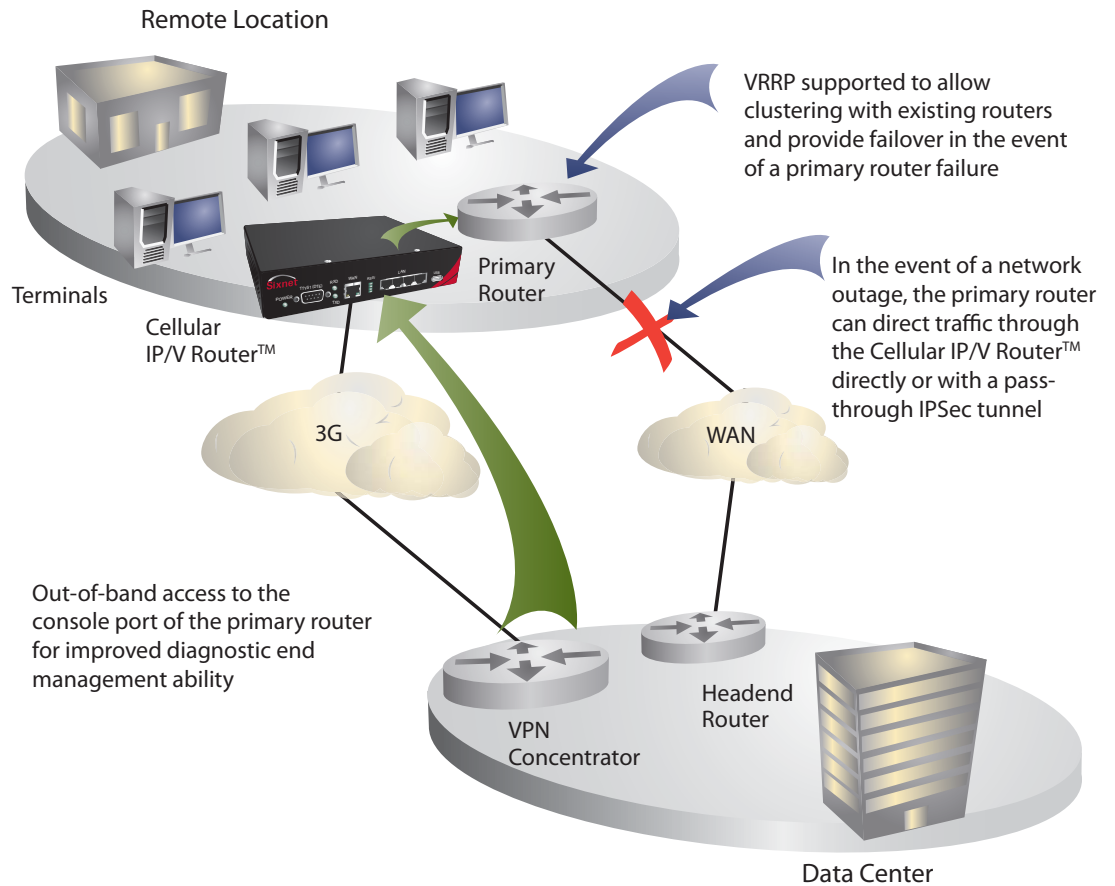
Out-of-band console access for remote access and manageability of existing infrastructure

Remote Monitoring and Management with Sixnet Gateway Management Utility

Configuration and Rapid Deployment Services

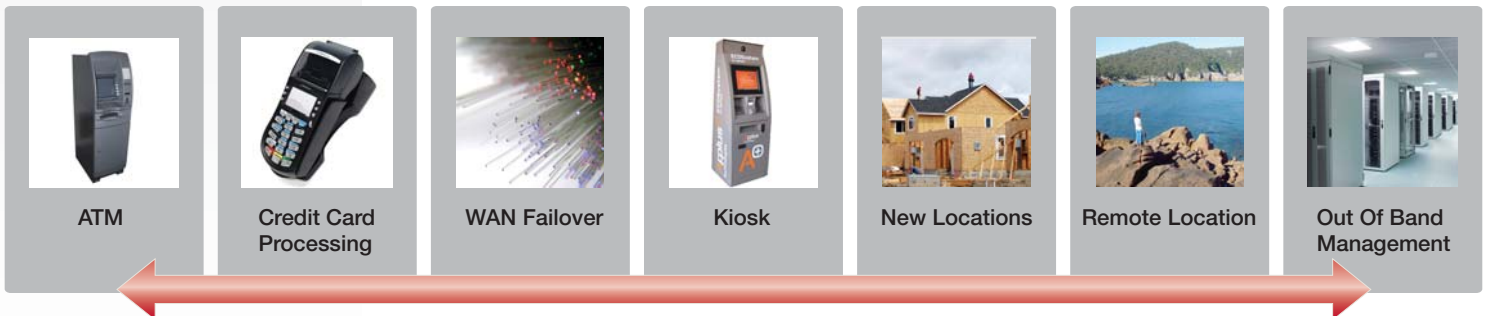
AirCard Models: R-1100 & R-3100

Embedded 3G Model: R-3300 & R-1300



Key Benefits

- Enterprise grade management
- Reduced operating costs with increased capabilities
- Proven reliability



Configuration and Rapid Deployment Services:

Sixnet Professional Services can automate the configuration of the Cellular IP/V Router™ saving substantial effort and expense in configuring individual units.

Enterprise Management:

Sixnet's Gateway Management Utility (GMU) is an enterprise class application that provides ongoing visibility and management of a deployed network of Cellular IP/V Router™ from a single console. It allows for remote monitoring of signal strength, connectivity, IP addresses, and other critical elements. The GMU includes true enterprise features such as the ability to update and make field changes to all Sixnet Cellular IP/V Routers™ and Cellular Smart Modems™ without individual unit access resulting in lower TCO.

The GMU also allows for updates and changes to be distributed to the field without individual unit access.

IP Transparency:

IP Transparency (IPT) allows existing WANs to directly connect to the 3G cellular network. IPT passes the 3G IP address directly through to the WAN router. A Cellular IP/V Router™ with IP Transparency can be used as a primary connection or as an easy back-up connection in the event of a WAN circuit failure. Sixnet's IP Transparency technology simplifies the network design leading to enhanced reliability and lower cost of ownership.

Specifications

Model	Ethernet Ports	Cellular Radio
R-1100	1	AirCard USB Carrier Provided
R-3100	5	AirCard USB Carrier Provided
R-1300-x*	1	Choice of 3G CDMA (EDVO Rev A.) or 3G GSM (HSPDA)
R-3300-x*	5	Choice of 3G CDMA (EDVO Rev A.) or 3G GSM (HSPDA)

*S(Sprint), V(Verizon), U(US Cellular), G(AT&T/GSM)

Ethernet:	Ethernet RJ45 10/100Mbps
Serial Interface (2):	9 pin DTE male & Console Port
Routing Protocols:	OSPF, BGP, RIP
Encapsulation Protocols:	GRE and IPinIP
Tunneling:	IPSec-VPN and SSL
Clustering:	VRRP
IP:	NAT, Port Forwarding, Dynamic DNS, DHCP, Stateful Inspection Firewall, IP Transparency
LED Indicators:	Signal strength, activity, link state
Operating System:	Linux 2.6 kernel
Power:	12v
Options:	GPS antenna with Geozone™, SNA/Bisync/3270 support, Embedded dial back-up
CPU:	PowerPC RISC- 333Mhz
Environmental	
Dimensions WxHxD:	7.74" x 1.6" x 6.15"
Operating Temp:	0 to 40 C
Operating Humidity:	0% to 90% Non-condensing
Power:	External 12v DC, 1200mA, 10 Watts Max
Weight:	2lbs 3oz (AirCard Models) 2lbs 5oz (Radio Models)
Warranty:	1 Year
Accessories	
Power Supply (Wall Mounted):	1-PS-12V-WALL-1.25A
Ethernet Cross Over Cable (3"):	1-C/CAT5-Cross

VRRP for Clustering

The Cellular IP/V Router™ supports standards based VRRP, which allows it to cluster with existing routers and provide failover in the event of a primary router failure. When coupled with out-of-band console access, the Sixnet Cellular IP/V Router™ provides customers increased uptime and better troubleshooting ability even while in back up mode.

Out-Of-Band Console Access

The Sixnet Cellular IP/V Router™ allows customers to connect to the console management port of the router and other critical IT infrastructure over the cellular network, removing the need for expensive dial modems and dial access lines. Customers can have valuable visibility and control of remote networking elements potentially saving down time and expensive field service calls.

Where to Purchase

Online at www.sixnet.com or
www.jbmelectronics.com
 Call Sixnet (800) 489-7781

Contact Us

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