



*Hardware Specifications*

**POWER**

12 VDC - 1200mA max  
 2.1 mm jack (positive center pin)  
 Consumption: 5W (typical), 9W (max)

**INPUTS / OUTPUTS**

10/100 Mbps Ethernet LAN switch ports (4)  
 10/100 Mbps Ethernet WAN port (1)  
 SMA Reverse Polarity Male WiFi 802.11a/b/g antenna connector (antenna included) (1)  
 Bulkhead antenna connector hole (external pigtail antenna connector) (1)

**PC-CARD MODEMS SUPPORTED**

CDMA: EV-DO Rev A, Rev O, 1xRTT  
 GSM: HSDPA, HSUPA, EDGE, GPRS  
 WCDMA: UMTS

**WIRELESS LAN**

IEEE 802.11a/b/g compliant access point built-in  
 64/128/152 bit EWP encryption  
 MAC Filtering  
 IEEE 802.1x (EAP-MD5/TLS/TTLS/PEAP)  
 WPA/WPA-PSD/WPA2/WPA2-PSK  
 Configurable power output (70mw max)

**POWER**

12 VDC - 1200mA max  
 2.1 mm jack (positive center pin)  
 Consumption: 5W (typical), 8W (max)

**GENERAL**

Dimensions: 8.69" x 1.25" x 5.38" (WxHxD)  
 w/ Card Guard: 11.25" x 1.25" x 5.38" (WxHxD)  
 Weight: 2.4lbs  
 Operating Temp: -22°F to 140°F (-30°C to 60°C)  
 Operating Humidity: 0% to 92% (Non-condensing)  
 Certifications: EMC: FCC Part 15 Class B, CE-EMC Class B, C-Tick Class B, VCCI Class B  
 Safety: CSA International, CE EN60950-1 (UL60950-1, CSA60950-1, EN60950-1, IEC60950-1)  
 Green Product, RoHS compliant  
 Warranty: 1 Year



*Software Specifications*

**VIRTUAL PRIVATE NETWORKS**

IPSec-compliant VPN  
 5 Simultaneous VPN connections  
 DES, 3DES, AES encryption  
 Local User Database or RADIUS server for Extended Authentication  
 LAN-Cell Initiated/terminated IPSec VPNs & VPN client pass-through  
 IPSec NAT Traversal + Keep-alive packet support  
 Redundant VPN connection (VPN HA)  
 Manual key, IKE and PKI (X.509)  
 Wizard based VPN set up  
 Interoperable with standard IPSec-based VPN products (e.g. Cisco, SonicWall, Juniper, WatchGuard, NetScreen, etc.)

**FIREWALL**

Stateful Packet Inspection (SPI) firewall  
 Packet Filter  
 Denial of Service protection  
 Attack, Alerts & Logs  
 Access Control by type of service

**SECURITY & CERTIFICATES**

Digital Certificates - X.509, PKCS#7 & PKCS#12  
 Local and Remote Certificate Authority

**IP & ROUTING**

DHCP client & server  
 Multi-NAT / SUA / port translation & port-forwarding  
 IP Routing: UDP, TCP, ICMP, ARP, RIPV1 and RIPV2  
 IP Multicast  
 Programmable static routes  
 Policy-based routing & traffic shaping  
 Application level priority for bandwidth sensitive applications such as VoIP

**DEVICE MANAGEMENT**

Web-based configuration utility (HTTP or HTTPS)  
 Terminal-based configuration utility (TelNet or SSH)  
 User upgradable firmware via LAN, WAN or serial & over-the air cellular  
 Command line interface for advanced configuration  
 Remote management from LAN & WAN  
 Detailed event logging & packet tracing w/ Syslog & E-Mail log/alert support  
 SNMP support

*Items Included*

Cellular router unit, Card-Guard modular card protection cover, Ethernet cable, WiFi antenna, Mounting hardware, Cable ties for Card-Lock, Instruction Manual, PC-Card Adapter (if required)

*Features and specifications are subject to change without notice*



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