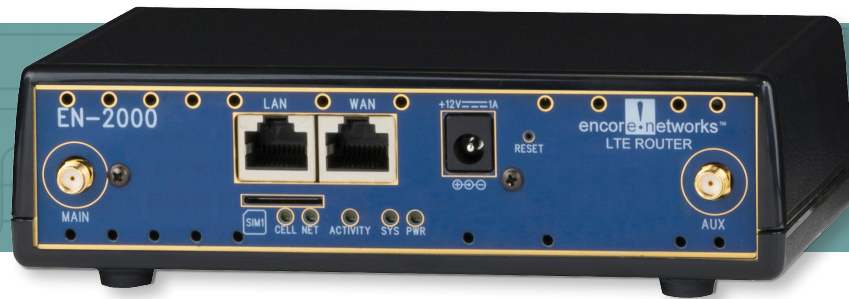


EN-2000™

Verizon CAT6 Data Sheet



EN-2000™ Enterprise Applications

- Business Continuity/Wireless Failover
- Mobile/Remote Office/Teleworking
- Primary Cellular connectivity
- Video Surveillance
- Remote Monitoring
- Distributed Enterprise

EN-2000™ Standard Features

- Supports both wireless & wired transport
- **CAT6** 4G LTE
- License free, VRRP, GRE & IPsec
- VPN (tunnel, NAT-T, & Dead Peer Detection)
- Pass Through/Bridge Operation for a direct connection to the Internet
- Two Ethernet ports, either LAN/LAN or WAN/LAN, software configurable
- Low Power, Small Footprint
- Enhanced QoS and traffic grooming
- Data Traffic types can be assigned to specific links, IP addresses
- Distributed Enterprise Support for a variety of networks providing “always on” service

Cloud or On Premises Management with enCloud™ or enSite™ Enterprise Device Management Systems

4G LTE BROADBAND ROUTER

The Encore Networks EN-2000™ is a high performance low-cost Verizon **CAT6** router designed for small/medium-sized enterprises and teleworking. This compact IP router provides license free IPsec, VPN, Firewall, Ethernet and IP interworking, meeting the needs of mission critical business and enterprise applications.

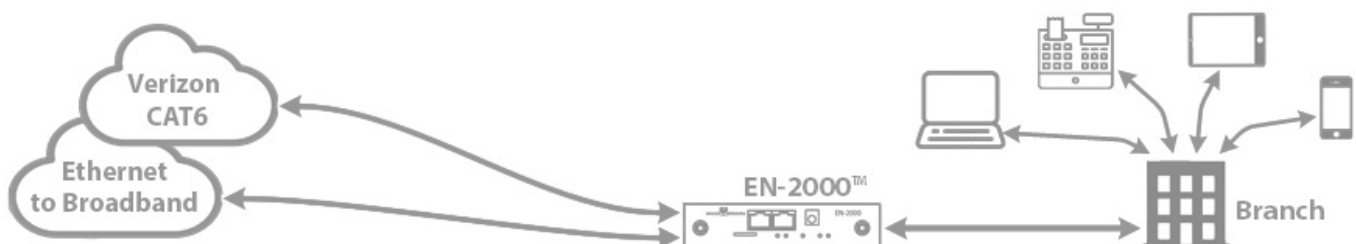
The EN-2000™ supports high-availability in fixed or portable locations by supplementing traditional broadband networks like DSL, cable, or MPLS/Ethernet with a high-speed LTE connection. When programmed for failover, the EN-2000™ detects hardware network failures and seamlessly switches to LTE as programmed, keeping the network online. With standards based VRRP, the EN-2000™ can support automatic failover and fallback when the original connection comes back online. The EN-2000™ M2M router provides multiple VPN tunnels and VLAN support as well as VRRP with no additional licensing fees. It can broadcast traffic to multiple operation centers using traffic while also reporting alarms to a NOC.

Encore’s EN-2000™ supports industrial and commercial enterprise applications. It also operates as a stand-alone cellular solution to support a branch office or location. With the high speeds offered by cellular LTE networks normal business can be conducted without terrestrial connections. This makes the EN-2000™ an ideal choice for new construction, temporary branch offices or primary internet while awaiting terrestrial installation. The EN-2000™ can be enabled with optional WiFi which can be used to further enhance the local network.

Features

The EN-2000™ is the flagship of the EN™ series and offers exceptional value. The EN™ series of routers come with a three-year hardware warranty, an intuitive GUI interface, built in Firewall, VPN support and advanced IP features including GRE and IPsec.

In addition, all of the EN™ Series routers can be monitored and managed with Encore’s cloud hosted Enterprise Management System, enCloud™, or customer premises server based enSite™. Both offer features that manage your entire network of EN™ series routers, including Cellular data limit enforcement for individual devices and group data plans, included firmware updates, no touch deployment for new hardware, and reseller and customer tiers to assist in delivering managed network services for multiple customers.



TECHNICAL SPECIFICATIONS

GENERAL FEATURES	Secure Broadband VPN Router Modem/Cellular IP Pass Through/Bridge Operation QoS enforcement prioritizes critical traffic
SECURITY APPLIANCE FEATURES	Stateful inspection layer 4 firewall, NAT, NAT Port Forward HTTPS-SSL IPsec with AES 256 and 3DES 4 tunnels max Dead Peer Detection plus NAT Traversal Generic Router Encapsulation GRE (RFC 1701) Internet Key Exchange - IKE V1, V2 OpenVPN
IP TRANSPORT PROTOCOLS	Static routing DHCP client/server IP QoS and traffic prioritization IP fragmentation/reassembly IP routing over VPN; TCP and UDP IPv6 Support Virtual Redundant Routing Protocol (VRRP) Asynchronous PPP PPPoE
CELLULAR	Verizon CAT6 Bands: B2/B4/B5/B13/B66
WIFI	Support for 2.4 and 5 GHz Autoselect between 802.11a/b/g/n WEP or WPA-PSK encryption WiFi Hotspot
PHYSICAL FEATURES	LEDs for cell module, system status, network status, and power LEDs for LAN/WAN and Cellular signal strength indication One 10/100 Mbit/s Ethernet RJ-45 (WAN/LAN) - WAN is factory default One 10/100 Mbit/s Ethernet RJ-45 (LAN) Reset Switch Two SMA LTE antenna connections for embedded internal cellular radio Two SMA Wi-Fi antenna connections for detachable antennas Power Input Optional DIN Rail Clip
MANAGEMENT	enCloud™ Device Management System - Cloud Based enSite™ Device Management System - Customer Premises Server Based GUI Web Management SSH (Secure Shell) manageability SNMPv3 PNTM HTTP/HTTPS - web access interface
MECHANICAL	Height: 1.6 inches/40 mm Width: 5.7 inches/145 mm Depth: 4 inches/100 mm Weight: 1 lb. (0.45 kg)
ENVIRONMENTAL	Operating: -20° C to +70° C (Extended Temperature Commercial) Storage: -40° C to +85° C Humidity: 5% to 95%, non-condensing
STANDARDS COMPLIANCE	RoHS Compliant CE Compliant EMC, FCC Part 15, EN 55011/CISPR II 100 - 240VAC Autoranging, 47-63Hz Power Supply (12V input), Optional DC supplies Power Consumption - 3.5 watts nominal, 7 watts transmitting
PRODUCT SAFETY	UL/CSA 60950-1, EN 60950-1 CAN/CSA-C22.2 No. 60950-1-03



Specifications subject to change without notice

Rev. 1.01