

EN-1000™



EN-1000™ Prime Applications

- ATMs
- Retail Point-of-Sale
- Kiosks
- Remote payment processing
- Digital Signage
- Electronic Gaming
- Remote access and control

EN-1000™ Standard Features

- Ideal upgrade path for 2G or 3G, LTE reliability at 2G price
- Excellent for secure, low bandwidth transactions and monitoring
- Distributed Enterprise Support for a variety of networks providing "always on" service
- License free, VRRP, DMNR, GRE and IPsec
- VPN (tunnel, NAT-T, and Dead Peer Detection)
- Cloud Management through enCloud™
- Pass Through/Bridge Operation for direct connect to the Internet

Cloud Management Available with enCloud™ Enterprise Management System

LTE CAT 1 CELLULAR ROUTER

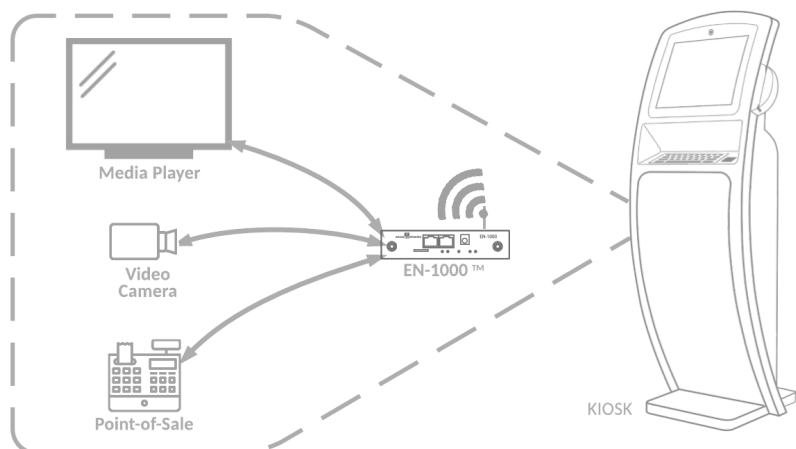
The Encore Networks EN-1000™ high-performance router is the first commercial grade router developed for LTE Category 1 (CAT 1) service. Like all LTE services, CAT 1 provides a low-latency broadband connection, but CAT 1 speeds capped at 10 Mbps down / 5 Mbps up (DSL speeds). These speeds are faster than typical 3G services but the EN-1000™ price point is lower than most 3G and competing 4G equipment. This makes the EN-1000™ on LTE CAT 1 an ideal replacement for aging 3G cellular data equipment and a low-cost entry point into 4G.

The EN-1000™ is an attractively priced LTE router for value conscious users new to cellular applications or those looking to bridge the gap between 3G and 4G technologies. For a fraction of the cost of other 4G hardware, users can have the reliability of LTE at speeds adequate for several applications including business continuity, digital signage, point-of-sale, kiosk operation and other data dependent applications.

Like all of the EN™ Series cellular routers the EN-1000™ provides exceptional features at value price. The EN™ Series routers come with a three-year hardware warranty, an intuitive GUI interface, built in Firewall, VPN support and advanced IP routing protocols like DMNR, GRE, and IPsec.

Manage the EN-1000™ with enCloud™

In addition, all of the EN™ Series routers can be monitored and managed with Encore's enterprise management system enCloud™. enCloud™ offers many features that will make managing your entire network of EN™ Series routers easier, including Cellular data limit enforcement for individual 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	Broadband Router Secure VPN router Modem/Cellular IP Pass Through/Bridge Operation QoS enforcement to prioritize critical traffic
SECURITY APPLIANCE FEATURES	Stateful inspection layer 4 firewall, NAT, NAT Traversal HTTPS-SSL IPsec with AES 256 and 3DES 4 tunnels max Generic Router Encapsulation GRE (RFC 1701) Internet Key Exchange - IKE V1, V2
IP TRANSPORT PROTOCOLS	Static routing DHCP client/server IP QoS and traffic prioritization IP fragmentation/reassembly IP routing over VPN; TCP and UDP 802.1q VLAN tagging Dead Peer Detection Virtual Redundant Routing Protocol (VRRP)
WAN TRANSPORT PROTOCOLS	IP over Ethernet Asynchronous PPP MLPPP DMNR PPPoE
CELLULAR	Sprint; LTE CAT1 10/5 Mbits - Bands 2, 4, 5, 12, 17, 25, 26 AT&T; LTE CAT 4 150/50 Mbits – Bands, 2, 4, 5, 17 – UMTS 850/1900 T-Mobile; LTE CAT 4 150/50 Mbits – Bands, 4, 12 – UMTS 850/1900 Verizon; LTE CAT 4 150/50 Mbits – Bands 4, 13
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 antenna SMA connectors for embedded internal cellular radio Accessible SIM Slot Power Input Optional DIN Rail Clip
MANAGEMENT	enCloud™ Device Management System GUI Web Management SSH (Secure Shell) SNMPv3 manageability DMNR, PNTM HTTP/HTTPS - web access interface Telnet Syslog
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 Storage: -40 C to +85 C Humidity: 5% to 95%, non-condensing
STANDARDS COMPLIANCE	RoHS Compliant EMC, FCC Part 15, EN 55011/CISPR II 100 - 240VAC Autoranging, 47-63Hz Power Supply (12V input) 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

DST-EN1000-US-v1