



Remarkably rugged. Extremely compact.

Operator certified, secure, and cost-effective, the ER1000-VZ router is designed for enterprise-grade M2M- and IoT-enabled solutions. Ideal for size- and weight-sensitive surface-mounted applications, the ER1000-VZ features a high-speed wireless router and multiband cellular modem in a single, ruggedized metal enclosure.

Simplify network management.

The ER1000-VZ, with its open source Linux-based OS, is ready to go right out of the box. It can be easily configured, deployed, and monitored using our cloud management portal.

See how our routers are used worldwide.

Companies around the globe use Connected IO routers in a wide array of industries and applications, including digital signage, POS, vending machines, security, monitoring and control, and failover.

Standard:	4G LTE with 3G/2G fallback
Speeds:	150Mbps download and 50Mbps upload
Processor:	580 MHz MIPS 24K; 128MB of DDR2 RAM
Connectivity:	Two 10/100/1000 Ethernet ports (RJ-45) One 3FF UICC card slot Two SMA connectors
Antennas:	Two SMA dipole antennas (included)
Network, Routing:	IPv4, IPv6, static routing, port forwarding and DHCP server, MAC filtering
VPN:	OpenVPN IPSEC Tunnel via StrongSwan
Embedded OS:	OpenWRT (Linux based)
OS compatibility:	Linux 2.6.16 or later; Android KitKat (4.4) or later; Windows 10, 8.1, 8, 7, CE; Windows Mobile 6.5
Power input:	12V DC 2A
Operating temp:	-20°C to 55°C
Compliance:	LTE Category 3 3GPP Release 9
Certifications:	FCC Part 15 Class C, RoHS, Verizon Open Development, Verizon Private Network

Dimensions:	Height	Width	Depth	Weight
	4.38 inches (111.23 mm)	4.19 inches (106.43 mm)	1 inch (25.4 mm)	11.99 oz (340 g)

ER1000-VZ

U.S.A.

Verizon

4G LTE

Band 4 (1700 MHz)

Band 13 (700 MHz)

Band 25 (1900 MHz)

3G EV-DO Rev A

Band 0 (800 MHz)

Band 1 (1900 MHz)

2G CDMA 1XRTT

Band 0 (800 MHz)

Band 1 (1900 MHz)

IN THE BOX

