

LC100

4G LTE and Wi-Fi Router



Enterprise Performance Built for IoT

The Ventus Technologies LC100 delivers secure 4G LTE-A connectivity in a compact design perfect for applications such as digital signs, kiosks, and smart lockers. Offering secure, reliable connectivity, Ethernet or Wi-Fi, when space is at a premium. The LC100 is pre-configured before shipment for zero-touch deployments with single SIM or dual SIMs that automatically failover for maximum network connectivity.

Optimized for Small Spaces

The LC100 with its compact form factor and lay flat antenna, fits into the tightest installations. Despite its size, the device still delivers when it comes to bandwidth and availability. For deployments requiring antenna placement outside an enclosure the optional corded Ventus Compact Dual Antenna can be deployed up to 6 feet away.

Power of Ventus Managed NaaS

Get the power of a fully-managed solution with Ventus Managed Network-as-a-Service (NaaS). From end-to-end Managed NaaS provides total network management and support for the LC100 including network designs, aggregated network service providers, hardware procurement, field services, maintenance replacements, and comprehensive 24x7x365 active monitoring that ensures your network and applications experience disruption-free, always-on connectivity. In addition to maintaining industry-leading availability, Managed NaaS includes support from the Ventus Technical Support Center where in-house technical support specialists are available around the clock to provide one-call resolution.

Key Features

- Compact, plug-and-play design
- 4G LTE connectivity
- Wi-Fi connectivity
- Dual SIMs for network flexibility
- Supports VPN encrypted tunnels
- Centralized web-based monitoring
- Remote monitoring
- Custom Alerts

Ideal For

- ATM cash machines
- Digital signs
- IoT
- Kiosks
- Gaming
- POS
- Smart safes and lockers



Technical Specifications

ETHERNET: 1x RJ45
SIM: 2x SIM Micro 3FF
CELLULAR: Verizon and AT&T
WI-FI: 2.4GHz, 2x2 MIMO, 802.11b/g/n
POWER SUPPLY: 12V DC, 2.0A
LED: Power, Cellular Signal, Wi-Fi, and LAN
DIMENSIONS: 3.55W x 2.50D x 0.85H inches
OPERATING TEMPATURE: -4° to 158° F
CERTIFICATIONS: FCC, RoHS, Wi-Fi, and PTCRB

Intelligent Network Monitoring

While Ventus Managed NaaS provides the critical service of fully managing connectivity and 24x7x365 technical support for the LC100, monitoring and reporting is accessible via the Ventus Genesis™ web-based monitoring platform. Up to date reports offer users a variety of insightful analytics, reporting capabilities, and real-time status updates.

- Web-based, secure monitoring platform
- Real-time network alerts
- Web-based GUI for remote monitoring
- Reporting, analytics, and custom alerts
- Automatic OTA software updates
- Ability to integrate into existing network monitoring platforms

Cellular Features

- CAT 3
- Fast dual SIM switching
- LTE Bands (2, 4, 5, and 17)
- Tri Band UMTS/DC-HSPA+ (5, 12, and 14)
- GPRS/EDGE Quad/Dual Band

Router Features

- Zero-Touch Deployments
- Power Alerts
- Single SIM or Dual SIM with auto-failover
- V-Con advanced connection management
- Magnetic Mount

LC100 Flip Antenna



- LTE
- Dual Band
- Omni-directional

